

| 인간 이중기능 RNA의 유전자명 | 쥐 유전자 | 쥐 전사체 ID | 번역 확률 | 구분 |
|-------------------|----------|--------------|-------|----------------|
| SNRPG | Snrpg | Snrpg-204 | 0.075 | protein_coding |
| ACTL6A | Actl6a | Actl6a-201 | 0.156 | protein_coding |
| COPS7A | Cops7a | Cops7a-201 | 0.130 | protein_coding |
| NUP88 | Nup88 | Nup88-209 | 0.130 | protein_coding |
| COPS7A | Cops7a | Cops7a-203 | 0.133 | protein_coding |
| TBK1 | Tbk1 | Tbk1-205 | 0.032 | protein_coding |
| ILRUN | Ilrun | Ilrun-204 | 0.059 | protein_coding |
| CDC42EP4 | Cdc42ep4 | Cdc42ep4-201 | 0.342 | protein_coding |
| WDR45 | Wdr45 | Wdr45-220 | 0.038 | protein_coding |
| MCMBP | Mcmbp | Mcmbp-203 | 0.026 | protein_coding |
| KLC2 | Klc2 | Klc2-207 | 0.044 | protein_coding |
| ORC1 | Orc1 | Orc1-205 | 0.003 | protein_coding |
| XPR1 | Xpr1 | Xpr1-202 | 0.251 | protein_coding |
| ACTL6A | Actl6a | Actl6a-208 | 0.159 | protein_coding |
| FDFT1 | Fdft1 | Fdft1-204 | 0.093 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-209 | 0.073 | protein_coding |
| STK25 | Stk25 | Stk25-204 | 0.183 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-204 | 0.110 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-205 | 0.074 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-203 | 0.297 | protein_coding |
| TMEM126A | Tmem126a | Tmem126a-201 | 0.168 | protein_coding |
| SLCO4A1 | Slco4a1 | Slco4a1-201 | 0.133 | protein_coding |
| CDC42EP4 | Cdc42ep4 | Cdc42ep4-203 | 0.354 | protein_coding |
| SMAP1 | Smap1 | Smap1-202 | 0.074 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-204 | 0.096 | protein_coding |
| SUCLG2 | Suclg2 | Suclg2-201 | 0.191 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-207 | 0.310 | protein_coding |
| ANP32A | Anp32a | Anp32a-206 | 0.168 | protein_coding |
| CAP1 | Cap1 | Cap1-203 | 0.221 | protein_coding |
| RAB11A | Rab11a | Rab11a-203 | 0.051 | protein_coding |
| CTDNBP1 | Ctdnep1 | Ctdnep1-205 | 0.279 | protein_coding |
| ECSIT | Ecsit | Ecsit-203 | 0.126 | protein_coding |
| TOX4 | Tox4 | Tox4-205 | 0.083 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-206 | 0.108 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-212 | 0.092 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-211 | 0.214 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-205 | 0.042 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-203 | 0.063 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-207 | 0.187 | protein_coding |
| UROD | Urod | Urod-202 | 0.076 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-206 | 0.094 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-203 | 0.173 | protein_coding |

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| PPIA | Ppia | Ppia-203 | 0.022 | protein_coding |
| NAA38 | Naa38 | Naa38-202 | 0.085 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-205 | 0.075 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-204 | 0.075 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-205 | 0.071 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-210 | 0.084 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-203 | 0.065 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-206 | 0.073 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-214 | 0.090 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-204 | 0.053 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-203 | 0.098 | protein_coding |
| ELP3 | Elp3 | Elp3-203 | 0.136 | protein_coding |
| CSE1L | Cse1l | Cse1l-211 | 0.314 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-212 | 0.023 | protein_coding |
| PSMA7 | Psm7 | Psm7-205 | 0.113 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-202 | 0.101 | protein_coding |
| TKT | Tkt | Tkt-201 | 0.128 | protein_coding |
| UBAP2L | Ubp2l | Ubp2l-203 | 0.283 | protein_coding |
| NDUFS8 | Ndufs8 | Ndufs8-204 | 0.125 | protein_coding |
| LDHA | Ldha | Ldha-207 | 0.114 | protein_coding |
| PSMA7 | Psm7 | Psm7-207 | 0.059 | protein_coding |
| NUP88 | Nup88 | Nup88-210 | 0.044 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-201 | 0.205 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-212 | 0.044 | protein_coding |
| ID1 | Id1 | Id1-202 | 0.051 | protein_coding |
| ARHGDIA | Arhgdia | Arhgdia-202 | 0.129 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-206 | 0.151 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-201 | 0.153 | protein_coding |
| STT3A | Stt3a | Stt3a-203 | 0.095 | protein_coding |
| UBE2K | Ube2k | Ube2k-203 | 0.159 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-205 | 0.049 | protein_coding |
| RPSA | Rpsa | Rpsa-205 | 0.151 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-202 | 0.162 | protein_coding |
| VTA1 | Vta1 | Vta1-202 | 0.016 | protein_coding |
| DNAJA3 | Dnaja3 | Dnaja3-202 | 0.107 | protein_coding |
| TWF1 | Twf1 | Twf1-204 | 0.073 | protein_coding |
| KDELRL1 | Kdelr1 | Kdelr1-203 | 0.142 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-218 | 0.039 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-206 | 0.081 | protein_coding |
| SEC11A | Sec11a | Sec11a-209 | 0.196 | protein_coding |
| CXCL16 | Cxcl16 | Cxcl16-203 | 0.131 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-205 | 0.423 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-202 | 0.209 | protein_coding |

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| ZMIZ2 | Zmiz2 | Zmiz2-206 | 0.010 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-202 | 0.116 | protein_coding |
| MPRIP | Mprip | Mprip-201 | 0.337 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-206 | 0.319 | protein_coding |
| AGAP3 | Agap3 | Agap3-203 | 0.196 | protein_coding |
| CAP1 | Cap1 | Cap1-201 | 0.222 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-202 | 0.074 | protein_coding |
| RPS3 | Rps3 | Rps3-203 | 0.087 | protein_coding |
| RPL15 | Rpl15 | Rpl15-206 | 0.028 | protein_coding |
| ECSIT | Ecsit | Ecsit-202 | 0.127 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-208 | 0.274 | protein_coding |
| ACTL6A | Actl6a | Actl6a-202 | 0.159 | protein_coding |
| DHX30 | Dhx30 | Dhx30-208 | 0.046 | protein_coding |
| DHX30 | Dhx30 | Dhx30-203 | 0.169 | protein_coding |
| SLC44A4 | Slc44a4 | Slc44a4-203 | 0.393 | protein_coding |
| CDH1 | Cdh1 | Cdh1-203 | 0.244 | protein_coding |
| AKT2 | Akt2 | Akt2-213 | 0.123 | protein_coding |
| ENTPD6 | Entpd6 | Entpd6-201 | 0.060 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-203 | 0.050 | protein_coding |
| NSD2 | Nsd2 | Nsd2-210 | 0.177 | protein_coding |
| EIF2AK2 | Eif2ak2 | Eif2ak2-201 | 0.119 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-205 | 0.151 | protein_coding |
| CCT5 | Cct5 | Cct5-203 | 0.293 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-204 | 0.059 | protein_coding |
| LDHA | Ldha | Ldha-209 | 0.112 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-206 | 0.098 | protein_coding |
| MPRIP | Mprip | Mprip-207 | 0.009 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-201 | 0.082 | protein_coding |
| RELA | Rela | Rela-204 | 0.310 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-204 | 0.090 | protein_coding |
| COPS3 | Cops3 | Cops3-207 | 0.006 | protein_coding |
| WDR45 | Wdr45 | Wdr45-235 | 0.058 | protein_coding |
| NCAPH | Ncaph | Ncaph-203 | 0.059 | protein_coding |
| CSE1L | Cse1l | Cse1l-210 | 0.315 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-220 | 0.041 | protein_coding |
| ARIH2 | Arih2 | Arih2-202 | 0.313 | protein_coding |
| RPL29 | Rpl29 | Rpl29-206 | 0.389 | protein_coding |
| MEA1 | Mea1 | Mea1-201 | 0.098 | protein_coding |
| AP1G1 | Ap1g1 | Ap1g1-202 | 0.144 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-208 | 0.050 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-202 | 0.166 | protein_coding |
| TSPAN14 | Tspan14 | Tspan14-202 | 0.057 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-202 | 0.171 | protein_coding |

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| PPP2R5C | Ppp2r5c | Ppp2r5c-201 | 0.111 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-216 | 0.072 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-206 | 0.110 | protein_coding |
| SLC38A1 | Slc38a1 | Slc38a1-206 | 0.164 | protein_coding |
| ASNS | Asns | Asns-206 | 0.318 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-214 | 0.152 | protein_coding |
| RPL32 | Rpl32 | Rpl32-202 | 0.052 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-205 | 0.047 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-202 | 0.085 | protein_coding |
| COPS7A | Cops7a | Cops7a-202 | 0.131 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-202 | 0.081 | protein_coding |
| TBK1 | Tbk1 | Tbk1-202 | 0.037 | protein_coding |
| CDC42EP3 | Cdc42ep3 | Cdc42ep3-202 | 0.035 | protein_coding |
| RBIS | Rbis | Rbis-205 | 0.130 | protein_coding |
| RND3 | Rnd3 | Rnd3-203 | 0.104 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-201 | 0.042 | protein_coding |
| AKT2 | Akt2 | Akt2-211 | 0.146 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-203 | 0.059 | protein_coding |
| RPL8 | Rpl8 | Rpl8-203 | 0.063 | protein_coding |
| WDR45 | Wdr45 | Wdr45-223 | 0.079 | protein_coding |
| MRPS24 | Mrps24 | Mrps24-205 | 0.147 | protein_coding |
| SIMC1 | Simc1 | Simc1-205 | 0.051 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-218 | 0.289 | protein_coding |
| STK25 | Stk25 | Stk25-201 | 0.235 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-212 | 0.122 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-205 | 0.015 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-211 | 0.367 | protein_coding |
| RABL6 | Rabl6 | Rabl6-208 | 0.130 | protein_coding |
| SLC44A4 | Slc44a4 | Slc44a4-201 | 0.166 | protein_coding |
| UTP4 | Utp4 | Utp4-203 | 0.051 | protein_coding |
| USP1 | Usp1 | Usp1-203 | 0.136 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-201 | 0.129 | protein_coding |
| KDELRL1 | Kdelr1 | Kdelr1-205 | 0.142 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-211 | 0.066 | protein_coding |
| DHX30 | Dhx30 | Dhx30-220 | 0.106 | protein_coding |
| EZH2 | Ezh2 | Ezh2-206 | 0.033 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-201 | 0.130 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-210 | 0.020 | protein_coding |
| U2AF1 | U2af1 | U2af1-201 | 0.094 | protein_coding |
| ELF3 | Elf3 | Elf3-202 | 0.217 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-201 | 0.197 | protein_coding |
| RBM4 | Rbm4 | Rbm4-201 | 0.079 | protein_coding |
| LDHA | Ldha | Ldha-212 | 0.114 | protein_coding |

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| GUCD1 | Gucd1 | Gucd1-201 | 0.204 | protein_coding |
| TKT | Tkt | Tkt-207 | 0.060 | protein_coding |
| UBL5 | Ubl5 | Ubl5-208 | 0.024 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-208 | 0.011 | protein_coding |
| RPL29 | Rpl29 | Rpl29-201 | 0.252 | protein_coding |
| UBA1 | Uba1 | Uba1-202 | 0.099 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-207 | 0.207 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-208 | 0.107 | protein_coding |
| RPL30 | Rpl30 | Rpl30-201 | 0.153 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-205 | 0.039 | protein_coding |
| DAZAP2 | Dazap2 | Dazap2-203 | 0.042 | protein_coding |
| SLC30A5 | Slc30a5 | Slc30a5-204 | 0.025 | protein_coding |
| LRRC42 | Lrrc42 | Lrrc42-202 | 0.118 | protein_coding |
| CSE1L | Cse1l | Cse1l-209 | 0.120 | protein_coding |
| MECR | Mecr | Mecr-201 | 0.170 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-203 | 0.010 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-204 | 0.020 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-207 | 0.131 | protein_coding |
| PPIG | Ppig | Ppig-202 | 0.106 | protein_coding |
| PSMD1 | Psmd1 | Psmd1-207 | 0.111 | protein_coding |
| TRIM8 | Trim8 | Trim8-201 | 0.369 | protein_coding |
| XPO6 | Xpo6 | Xpo6-203 | 0.056 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-208 | 0.131 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-201 | 0.078 | protein_coding |
| RPL21 | Rpl21 | Rpl21-205 | 0.030 | protein_coding |
| PPIA | Ppia | Ppia-204 | 0.033 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-207 | 0.043 | protein_coding |
| COPS3 | Cops3 | Cops3-202 | 0.197 | protein_coding |
| BAD | Bad | Bad-208 | 0.217 | protein_coding |
| AKT2 | Akt2 | Akt2-209 | 0.098 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-207 | 0.067 | protein_coding |
| VPS45 | Vps45 | Vps45-202 | 0.062 | protein_coding |
| LUC7L | Luc7l | Luc7l-201 | 0.172 | protein_coding |
| UBL5 | Ubl5 | Ubl5-206 | 0.100 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-208 | 0.071 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-202 | 0.123 | protein_coding |
| CLTC | Cltc | Cltc-202 | 0.077 | protein_coding |
| GNAS | Gnas | Gnas-216 | 0.015 | protein_coding |
| LAS1L | Las1l | Las1l-203 | 0.094 | protein_coding |
| DDX5 | Ddx5 | Ddx5-208 | 0.108 | protein_coding |
| XPR1 | Xpr1 | Xpr1-205 | 0.253 | protein_coding |
| CDK16 | Cdk16 | Cdk16-202 | 0.101 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-206 | 0.114 | protein_coding |

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| MRPL15 | Mrpl15 | Mrpl15-207 | 0.403 | protein_coding |
| PPP2R5C | Ppp2r5c | Ppp2r5c-203 | 0.113 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-207 | 0.015 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-204 | 0.031 | protein_coding |
| GNAS | Gnas | Gnas-207 | 0.088 | protein_coding |
| MSH2 | Msh2 | Msh2-206 | 0.076 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-208 | 0.139 | protein_coding |
| GNAS | Gnas | Gnas-227 | 0.105 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-206 | 0.062 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-201 | 0.235 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-208 | 0.017 | protein_coding |
| TCP1 | Tcp1 | Tcp1-210 | 0.131 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-204 | 0.073 | protein_coding |
| GNAS | Gnas | Gnas-219 | 0.094 | protein_coding |
| RELA | Rela | Rela-205 | 0.034 | protein_coding |
| DOCK5 | Dock5 | Dock5-201 | 0.078 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-202 | 0.110 | protein_coding |
| COPS3 | Cops3 | Cops3-204 | 0.126 | protein_coding |
| CYFIP1 | Cyfip1 | Cyfip1-205 | 0.164 | protein_coding |
| ACTR3 | Actr3 | Actr3-201 | 0.157 | protein_coding |
| ACTR3 | Actr3 | Actr3-202 | 0.178 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-213 | 0.162 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-201 | 0.112 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-207 | 0.022 | protein_coding |
| DDX5 | Ddx5 | Ddx5-206 | 0.063 | protein_coding |
| MSI2 | Msi2 | Msi2-204 | 0.113 | protein_coding |
| WDR45 | Wdr45 | Wdr45-228 | 0.058 | protein_coding |
| SLC27A2 | Slc27a2 | Slc27a2-202 | 0.053 | protein_coding |
| XPR1 | Xpr1 | Xpr1-207 | 0.030 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-206 | 0.145 | protein_coding |
| DUS2 | Dus2 | Dus2-206 | 0.028 | protein_coding |
| XPO6 | Xpo6 | Xpo6-202 | 0.110 | protein_coding |
| EZH2 | Ezh2 | Ezh2-212 | 0.058 | protein_coding |
| MLST8 | Mlst8 | Mlst8-210 | 0.077 | protein_coding |
| DHX30 | Dhx30 | Dhx30-205 | 0.091 | protein_coding |
| CNIH1 | Cnih1 | Cnih1-203 | 0.031 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-213 | 0.079 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-201 | 0.124 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-201 | 0.207 | protein_coding |
| METAP2 | Metap2 | Metap2-218 | 0.167 | protein_coding |
| RPL36A | Rpl36a | Rpl36a-202 | 0.099 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-201 | 0.104 | protein_coding |
| SETD3 | Setd3 | Setd3-202 | 0.063 | protein_coding |

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| CPLX1 | Cplx1 | Cplx1-202 | 0.051 | protein_coding |
| STT3A | Stt3a | Stt3a-204 | 0.099 | protein_coding |
| MAP11 | Map11 | Map11-205 | 0.342 | protein_coding |
| MDH2 | Mdh2 | Mdh2-202 | 0.083 | protein_coding |
| ELP5 | Elp5 | Elp5-205 | 0.075 | protein_coding |
| U2AF1 | U2af1 | U2af1-205 | 0.077 | protein_coding |
| NUSAP1 | Nusap1 | Nusap1-202 | 0.181 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-208 | 0.149 | protein_coding |
| ACTR3 | Actr3 | Actr3-210 | 0.083 | protein_coding |
| RPL8 | Rpl8 | Rpl8-202 | 0.073 | protein_coding |
| RELA | Rela | Rela-207 | 0.100 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-208 | 0.084 | protein_coding |
| DEK | Dek | Dek-206 | 0.020 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-205 | 0.105 | protein_coding |
| S100A16 | S100a16 | S100a16-204 | 0.016 | protein_coding |
| SLC30A5 | Slc30a5 | Slc30a5-205 | 0.105 | protein_coding |
| LDHA | Ldha | Ldha-206 | 0.269 | protein_coding |
| RPL15 | Rpl15 | Rpl15-201 | 0.070 | protein_coding |
| SCOC | Scoc | Scoc-209 | 0.029 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-206 | 0.056 | protein_coding |
| DHX30 | Dhx30 | Dhx30-214 | 0.166 | protein_coding |
| TEX30 | Tex30 | Tex30-204 | 0.042 | protein_coding |
| MAP2K1 | Map2k1 | Map2k1-202 | 0.056 | protein_coding |
| RPL36A | Rpl36a | Rpl36a-206 | 0.099 | protein_coding |
| MEA1 | Mea1 | Mea1-209 | 0.109 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-211 | 0.120 | protein_coding |
| BAD | Bad | Bad-204 | 0.087 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-208 | 0.165 | protein_coding |
| RPS3 | Rps3 | Rps3-201 | 0.035 | protein_coding |
| DUS2 | Dus2 | Dus2-201 | 0.173 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-201 | 0.128 | protein_coding |
| MEA1 | Mea1 | Mea1-202 | 0.098 | protein_coding |
| TKT | Tkt | Tkt-206 | 0.130 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-202 | 0.067 | protein_coding |
| TEX30 | Tex30 | Tex30-212 | 0.047 | protein_coding |
| RBM4 | Rbm4 | Rbm4-204 | 0.230 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-233 | 0.044 | protein_coding |
| NUP88 | Nup88 | Nup88-205 | 0.019 | protein_coding |
| U2AF1 | U2af1 | U2af1-203 | 0.156 | protein_coding |
| TFRC | Tfrc | Tfrc-202 | 0.174 | protein_coding |
| SCOC | Scoc | Scoc-205 | 0.014 | protein_coding |
| STT3A | Stt3a | Stt3a-206 | 0.072 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-205 | 0.065 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| LUC7L2 | Luc7l2 | Luc7l2-208 | 0.159 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-209 | 0.064 | protein_coding |
| TROAP | Troap | Troap-204 | 0.135 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-208 | 0.183 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-206 | 0.055 | protein_coding |
| RPS7 | Rps7 | Rps7-206 | 0.071 | protein_coding |
| UROD | Urod | Urod-201 | 0.290 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-230 | 0.084 | protein_coding |
| DCXR | Dcxr | Dcxr-203 | 0.053 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-209 | 0.138 | protein_coding |
| CDK16 | Cdk16 | Cdk16-208 | 0.117 | protein_coding |
| EZH2 | Ezh2 | Ezh2-213 | 0.035 | protein_coding |
| ACTL6A | Actl6a | Actl6a-207 | 0.124 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-221 | 0.252 | protein_coding |
| CAP1 | Cap1 | Cap1-202 | 0.221 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-212 | 0.026 | protein_coding |
| NSD2 | Nsd2 | Nsd2-205 | 0.172 | protein_coding |
| PPT1 | Ppt1 | Ppt1-202 | 0.313 | protein_coding |
| ACTL6A | Actl6a | Actl6a-204 | 0.063 | protein_coding |
| RPL21 | Rpl21 | Rpl21-206 | 0.045 | protein_coding |
| STT3A | Stt3a | Stt3a-201 | 0.079 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-210 | 0.100 | protein_coding |
| NUP88 | Nup88 | Nup88-208 | 0.084 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-207 | 0.039 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-208 | 0.004 | protein_coding |
| SLC30A5 | Slc30a5 | Slc30a5-202 | 0.373 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-210 | 0.137 | protein_coding |
| MSH2 | Msh2 | Msh2-205 | 0.121 | protein_coding |
| USP1 | Usp1 | Usp1-201 | 0.119 | protein_coding |
| CENPM | Cenpm | Cenpm-203 | 0.083 | protein_coding |
| MEA1 | Mea1 | Mea1-205 | 0.098 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-204 | 0.249 | protein_coding |
| UGDH | Ugdh | Ugdh-202 | 0.257 | protein_coding |
| MID1IP1 | Mid1ip1 | Mid1ip1-201 | 0.034 | protein_coding |
| CSE1L | Cse1l | Cse1l-204 | 0.200 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-206 | 0.097 | protein_coding |
| S100A2 | S100a2 | S100a2-201 | 0.073 | protein_coding |
| MTIF2 | Mtif2 | Mtif2-208 | 0.105 | protein_coding |
| AP1G1 | Ap1g1 | Ap1g1-204 | 0.065 | protein_coding |
| METAP2 | Metap2 | Metap2-201 | 0.341 | protein_coding |
| AKT2 | Akt2 | Akt2-208 | 0.031 | protein_coding |
| RPS3 | Rps3 | Rps3-204 | 0.083 | protein_coding |
| TBK1 | Tbk1 | Tbk1-203 | 0.044 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| DUS2 | Dus2 | Dus2-204 | 0.094 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-206 | 0.068 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-210 | 0.178 | protein_coding |
| WDR45 | Wdr45 | Wdr45-221 | 0.058 | protein_coding |
| MPG | Mpg | Mpg-201 | 0.100 | protein_coding |
| ACTR3 | Actr3 | Actr3-207 | 0.083 | protein_coding |
| IMMT | Immt | Immt-214 | 0.074 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-203 | 0.160 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-211 | 0.039 | protein_coding |
| NDUFS8 | Ndufs8 | Ndufs8-201 | 0.125 | protein_coding |
| TBP | Tbp | Tbp-201 | 0.087 | protein_coding |
| XPO6 | Xpo6 | Xpo6-204 | 0.130 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-201 | 0.041 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-213 | 0.173 | protein_coding |
| MLST8 | Mlst8 | Mlst8-201 | 0.058 | protein_coding |
| RPS27L | Rps27l | Rps27l-206 | 0.044 | protein_coding |
| RUNX1 | Runx1 | Runx1-204 | 0.030 | protein_coding |
| ORC4 | Orc4 | Orc4-202 | 0.010 | protein_coding |
| IMMT | Immt | Immt-213 | 0.224 | protein_coding |
| NUP88 | Nup88 | Nup88-211 | 0.134 | protein_coding |
| PSMA1 | Psm1 | Psm1-203 | 0.060 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-204 | 0.203 | protein_coding |
| ILRUN | Ilrun | Ilrun-201 | 0.138 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-208 | 0.079 | protein_coding |
| DHX30 | Dhx30 | Dhx30-215 | 0.168 | protein_coding |
| NPLOC4 | Nploc4 | Nploc4-203 | 0.087 | protein_coding |
| SMAP1 | Sm1 | Sm1-205 | 0.151 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-202 | 0.163 | protein_coding |
| CENPM | Cenpm | Cenpm-202 | 0.197 | protein_coding |
| RABL6 | Rabl6 | Rabl6-206 | 0.052 | protein_coding |
| NSD2 | Nsd2 | Nsd2-204 | 0.358 | protein_coding |
| DPF2 | Dpf2 | Dpf2-208 | 0.037 | protein_coding |
| CSNK2A1 | Csnk2a1 | Csnk2a1-205 | 0.126 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-205 | 0.030 | protein_coding |
| STT3A | Stt3a | Stt3a-207 | 0.018 | protein_coding |
| EMC9 | Emc9 | Emc9-202 | 0.090 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-201 | 0.094 | protein_coding |
| UROD | Urod | Urod-207 | 0.028 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-205 | 0.030 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-206 | 0.067 | protein_coding |
| EIF3E | Eif3e | Eif3e-202 | 0.048 | protein_coding |
| AKR1A1 | Akr1a1 | Akr1a1-204 | 0.254 | protein_coding |
| AP1G1 | Ap1g1 | Ap1g1-206 | 0.096 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| CPSF6 | Cpsf6 | Cpsf6-202 | 0.165 | protein_coding |
| PRSS23 | Prss23 | Prss23-207 | 0.226 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-205 | 0.031 | protein_coding |
| RPL29 | Rpl29 | Rpl29-204 | 0.176 | protein_coding |
| RPL15 | Rpl15 | Rpl15-203 | 0.078 | protein_coding |
| DPF2 | Dpf2 | Dpf2-202 | 0.108 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-205 | 0.288 | protein_coding |
| RPS3 | Rps3 | Rps3-202 | 0.036 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-202 | 0.042 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-205 | 0.112 | protein_coding |
| EIF5A | Eif5a | Eif5a-210 | 0.097 | protein_coding |
| DDX5 | Ddx5 | Ddx5-205 | 0.054 | protein_coding |
| TEX30 | Tex30 | Tex30-208 | 0.053 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-205 | 0.334 | protein_coding |
| MLST8 | Mlst8 | Mlst8-206 | 0.060 | protein_coding |
| MAX | Max | Max-202 | 0.356 | protein_coding |
| MPRIP | Mprrip | Mprrip-205 | 0.308 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-205 | 0.221 | protein_coding |
| MSI2 | Msi2 | Msi2-203 | 0.286 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-204 | 0.017 | protein_coding |
| SLC38A1 | Slc38a1 | Slc38a1-207 | 0.218 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-206 | 0.172 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-208 | 0.088 | protein_coding |
| DHX30 | Dhx30 | Dhx30-226 | 0.124 | protein_coding |
| WDR45 | Wdr45 | Wdr45-224 | 0.083 | protein_coding |
| COPS3 | Cops3 | Cops3-205 | 0.006 | protein_coding |
| ELOB | Elob | Elob-203 | 0.330 | protein_coding |
| ZMIZ2 | Zmiz2 | Zmiz2-205 | 0.306 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-203 | 0.194 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-209 | 0.166 | protein_coding |
| MAP11 | Map11 | Map11-203 | 0.204 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-207 | 0.120 | protein_coding |
| MEA1 | Mea1 | Mea1-207 | 0.120 | protein_coding |
| PPT1 | Ppt1 | Ppt1-203 | 0.105 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-219 | 0.171 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-208 | 0.097 | protein_coding |
| RPL29 | Rpl29 | Rpl29-202 | 0.260 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-203 | 0.034 | protein_coding |
| ETFA | Etfa | Etfa-203 | 0.095 | protein_coding |
| FOSL1 | Fosl1 | Fosl1-202 | 0.330 | protein_coding |
| METAP2 | Metap2 | Metap2-211 | 0.061 | protein_coding |
| CALM2 | Calm2 | Calm2-201 | 0.041 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-203 | 0.132 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| TCP1 | Tcp1 | Tcp1-202 | 0.126 | protein_coding |
| DUS2 | Dus2 | Dus2-205 | 0.050 | protein_coding |
| GPX4 | Gpx4 | Gpx4-201 | 0.101 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-206 | 0.018 | protein_coding |
| RPS7 | Rps7 | Rps7-202 | 0.196 | protein_coding |
| MAX | Max | Max-206 | 0.053 | protein_coding |
| POLR2M | Polr2m | Polr2m-201 | 0.117 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-202 | 0.158 | protein_coding |
| TOX4 | Tox4 | Tox4-204 | 0.110 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-212 | 0.074 | protein_coding |
| SMG9 | Smg9 | Smg9-201 | 0.094 | protein_coding |
| FDFT1 | Fdft1 | Fdft1-201 | 0.095 | protein_coding |
| RBM4 | Rbm4 | Rbm4-207 | 0.079 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-204 | 0.020 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-201 | 0.093 | protein_coding |
| SLC27A2 | Slc27a2 | Slc27a2-203 | 0.117 | protein_coding |
| MECR | Mecr | Mecr-205 | 0.172 | protein_coding |
| MEA1 | Mea1 | Mea1-204 | 0.103 | protein_coding |
| ORC4 | Orc4 | Orc4-203 | 0.055 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-207 | 0.119 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-204 | 0.032 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-201 | 0.070 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-204 | 0.052 | protein_coding |
| METTL18 | Mettl18 | Mettl18-202 | 0.086 | protein_coding |
| NSRP1 | Nsrp1 | Nsrp1-201 | 0.108 | protein_coding |
| TFRC | Tfrc | Tfrc-205 | 0.114 | protein_coding |
| HMGB3 | Hmgb3 | Hmgb3-205 | 0.104 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-213 | 0.025 | protein_coding |
| DCXR | Dcxr | Dcxr-201 | 0.053 | protein_coding |
| DDX1 | Ddx1 | Ddx1-203 | 0.142 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-210 | 0.103 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-231 | 0.060 | protein_coding |
| POLR2M | Polr2m | Polr2m-203 | 0.120 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-202 | 0.093 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-202 | 0.041 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-207 | 0.091 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-216 | 0.072 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-204 | 0.013 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-212 | 0.015 | protein_coding |
| PPIG | Ppig | Ppig-201 | 0.095 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-210 | 0.093 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-207 | 0.047 | protein_coding |
| ORC4 | Orc4 | Orc4-210 | 0.056 | protein_coding |

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| SMAD3 | Smad3 | Smad3-204 | 0.097 | protein_coding |
| MSI2 | Msi2 | Msi2-206 | 0.114 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-210 | 0.142 | protein_coding |
| RPS27L | Rps27l | Rps27l-201 | 0.063 | protein_coding |
| MAP2K1 | Map2k1 | Map2k1-201 | 0.268 | protein_coding |
| S100A16 | S100a16 | S100a16-205 | 0.069 | protein_coding |
| DHX30 | Dhx30 | Dhx30-213 | 0.048 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-214 | 0.073 | protein_coding |
| RAB11A | Rab11a | Rab11a-201 | 0.036 | protein_coding |
| SCOC | Scoc | Scoc-203 | 0.029 | protein_coding |
| ETFA | Etfa | Etfa-202 | 0.033 | protein_coding |
| RPL30 | Rpl30 | Rpl30-203 | 0.033 | protein_coding |
| SATB2 | Satb2 | Satb2-203 | 0.006 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-202 | 0.061 | protein_coding |
| TWF1 | Twf1 | Twf1-202 | 0.015 | protein_coding |
| METAP2 | Metap2 | Metap2-212 | 0.129 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-207 | 0.024 | protein_coding |
| MDH2 | Mdh2 | Mdh2-205 | 0.070 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-203 | 0.050 | protein_coding |
| DDAH1 | Ddah1 | Ddah1-203 | 0.052 | protein_coding |
| SNRPG | Snrpg | Snrpg-203 | 0.074 | protein_coding |
| MPG | Mpg | Mpg-203 | 0.101 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-214 | 0.187 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-202 | 0.089 | protein_coding |
| UBL5 | Ubl5 | Ubl5-204 | 0.050 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-215 | 0.173 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-209 | 0.083 | protein_coding |
| PLAAT3 | Plaat3 | Plaat3-204 | 0.161 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-203 | 0.017 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-206 | 0.061 | protein_coding |
| DOCK5 | Dock5 | Dock5-203 | 0.062 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-201 | 0.179 | protein_coding |
| KLC2 | Klc2 | Klc2-208 | 0.102 | protein_coding |
| MCMBP | Mcmbp | Mcmbp-202 | 0.112 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-217 | 0.029 | protein_coding |
| WDR45 | Wdr45 | Wdr45-226 | 0.047 | protein_coding |
| DCAKD | Dcakd | Dcakd-205 | 0.022 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-207 | 0.025 | protein_coding |
| TEX30 | Tex30 | Tex30-206 | 0.021 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-205 | 0.040 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-205 | 0.220 | protein_coding |
| SNRPG | Snrpg | Snrpg-202 | 0.075 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-202 | 0.095 | protein_coding |

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| NUP85 | Nup85 | Nup85-204 | 0.063 | protein_coding |
| METAP2 | Metap2 | Metap2-213 | 0.006 | protein_coding |
| SLC27A2 | Slc27a2 | Slc27a2-201 | 0.114 | protein_coding |
| UBA2 | Uba2 | Uba2-206 | 0.096 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-225 | 0.042 | protein_coding |
| LUC7L | Luc7l | Luc7l-202 | 0.386 | protein_coding |
| RPL36A | Rpl36a | Rpl36a-203 | 0.077 | protein_coding |
| RPL36A | Rpl36a | Rpl36a-204 | 0.116 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-203 | 0.121 | protein_coding |
| PSMA7 | Psm7 | Psm7-201 | 0.121 | protein_coding |
| MDH2 | Mdh2 | Mdh2-203 | 0.079 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-209 | 0.063 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-206 | 0.024 | protein_coding |
| ILRUN | Ilrun | Ilrun-202 | 0.246 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-201 | 0.206 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-213 | 0.092 | protein_coding |
| ORC4 | Orc4 | Orc4-201 | 0.084 | protein_coding |
| UROD | Urod | Urod-206 | 0.223 | protein_coding |
| PPT1 | Ppt1 | Ppt1-204 | 0.133 | protein_coding |
| PSMA7 | Psm7 | Psm7-202 | 0.126 | protein_coding |
| MDH2 | Mdh2 | Mdh2-207 | 0.140 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-208 | 0.041 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-210 | 0.064 | protein_coding |
| HDAC2 | Hdac2 | Hdac2-203 | 0.099 | protein_coding |
| LAS1L | Las1l | Las1l-205 | 0.103 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-208 | 0.078 | protein_coding |
| GPS1 | Gps1 | Gps1-207 | 0.369 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-228 | 0.060 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-206 | 0.079 | protein_coding |
| MRPL13 | Mrpl13 | Mrpl13-201 | 0.419 | protein_coding |
| RPS20 | Rps20 | Rps20-202 | 0.191 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-207 | 0.062 | protein_coding |
| TEX30 | Tex30 | Tex30-209 | 0.054 | protein_coding |
| SLCO4A1 | Slco4a1 | Slco4a1-203 | 0.104 | protein_coding |
| MPRIP | Mprp | Mprp-209 | 0.367 | protein_coding |
| ARIH2 | Arih2 | Arih2-203 | 0.018 | protein_coding |
| LUC7L | Luc7l | Luc7l-205 | 0.121 | protein_coding |
| NOP53 | Nop53 | Nop53-204 | 0.031 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-202 | 0.303 | protein_coding |
| PSMD1 | Psm1 | Psm1-204 | 0.138 | protein_coding |
| SMG9 | Smg9 | Smg9-202 | 0.053 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-206 | 0.050 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-205 | 0.076 | protein_coding |

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| MLST8 | Mlst8 | Mlst8-202 | 0.043 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-206 | 0.028 | protein_coding |
| CDC42EP4 | Cdc42ep4 | Cdc42ep4-204 | 0.355 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-202 | 0.285 | protein_coding |
| EIF5A | Eif5a | Eif5a-213 | 0.097 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-206 | 0.048 | protein_coding |
| ORC4 | Orc4 | Orc4-207 | 0.035 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-208 | 0.061 | protein_coding |
| U2AF1 | U2af1 | U2af1-206 | 0.056 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-204 | 0.132 | protein_coding |
| U2AF1 | U2af1 | U2af1-208 | 0.094 | protein_coding |
| GNAS | Gnas | Gnas-228 | 0.153 | protein_coding |
| EZH2 | Ezh2 | Ezh2-214 | 0.035 | protein_coding |
| HJURP | Hjurp | Hjurp-206 | 0.081 | protein_coding |
| RPSA | Rpsa | Rpsa-206 | 0.124 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-201 | 0.116 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-205 | 0.045 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-208 | 0.360 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-217 | 0.114 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-207 | 0.220 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-205 | 0.063 | protein_coding |
| PSMD1 | Psmc1 | Psmc1-208 | 0.091 | protein_coding |
| ACTR3 | Actr3 | Actr3-203 | 0.040 | protein_coding |
| GNAS | Gnas | Gnas-210 | 0.351 | protein_coding |
| EIF4E | Eif4e | Eif4e-201 | 0.156 | protein_coding |
| HDAC2 | Hdac2 | Hdac2-204 | 0.201 | protein_coding |
| ELF3 | Elf3 | Elf3-203 | 0.019 | protein_coding |
| RELA | Rela | Rela-202 | 0.072 | protein_coding |
| PSIP1 | Psip1 | Psip1-204 | 0.062 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-203 | 0.132 | protein_coding |
| NPLOC4 | Nploc4 | Nploc4-204 | 0.073 | protein_coding |
| RACK1 | Rack1 | Rack1-204 | 0.050 | protein_coding |
| EZH2 | Ezh2 | Ezh2-201 | 0.108 | protein_coding |
| GPS1 | Gps1 | Gps1-202 | 0.370 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-209 | 0.044 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-212 | 0.039 | protein_coding |
| RPS7 | Rps7 | Rps7-204 | 0.141 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-223 | 0.061 | protein_coding |
| RND3 | Rnd3 | Rnd3-202 | 0.027 | protein_coding |
| ECSIT | Ecsit | Ecsit-201 | 0.125 | protein_coding |
| IL20RA | Il20ra | Il20ra-202 | 0.061 | protein_coding |
| MEA1 | Mea1 | Mea1-206 | 0.097 | protein_coding |
| LDHA | Ldha | Ldha-203 | 0.113 | protein_coding |

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|-----------|-----------|---------------|-------|----------------|
| TMEM107 | Tmem107 | Tmem107-206 | 0.028 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-204 | 0.033 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-204 | 0.185 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-216 | 0.052 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-202 | 0.068 | protein_coding |
| IMMT | Immt | Immt-208 | 0.189 | protein_coding |
| UGDH | Ugdh | Ugdh-201 | 0.330 | protein_coding |
| XPO6 | Xpo6 | Xpo6-216 | 0.354 | protein_coding |
| PPIG | Ppig | Ppig-207 | 0.023 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-209 | 0.104 | protein_coding |
| NUP88 | Nup88 | Nup88-206 | 0.049 | protein_coding |
| CALM2 | Calm2 | Calm2-204 | 0.046 | protein_coding |
| UBA2 | Uba2 | Uba2-209 | 0.067 | protein_coding |
| DEK | Dek | Dek-204 | 0.161 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-206 | 0.077 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-208 | 0.075 | protein_coding |
| TBP | Tbp | Tbp-206 | 0.067 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-208 | 0.024 | protein_coding |
| METAP2 | Metap2 | Metap2-208 | 0.166 | protein_coding |
| COPS7A | Cops7a | Cops7a-207 | 0.133 | protein_coding |
| EIF3L | Eif3l | Eif3l-201 | 0.159 | protein_coding |
| NPLOC4 | Nploc4 | Nploc4-201 | 0.303 | protein_coding |
| AURKA | Aurka | Aurka-204 | 0.231 | protein_coding |
| CENPX | Cenpx | Cenpx-204 | 0.262 | protein_coding |
| VPS45 | Vps45 | Vps45-203 | 0.009 | protein_coding |
| GNAS | Gnas | Gnas-206 | 0.041 | protein_coding |
| DHX30 | Dhx30 | Dhx30-211 | 0.048 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-207 | 0.013 | protein_coding |
| UBE2K | Ube2k | Ube2k-206 | 0.159 | protein_coding |
| CNIH1 | Cnih1 | Cnih1-201 | 0.031 | protein_coding |
| ACTR3 | Actr3 | Actr3-211 | 0.083 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-206 | 0.089 | protein_coding |
| NSRP1 | Nsrp1 | Nsrp1-203 | 0.014 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-203 | 0.062 | protein_coding |
| NDUFS8 | Ndufs8 | Ndufs8-205 | 0.125 | protein_coding |
| XPO6 | Xpo6 | Xpo6-209 | 0.325 | protein_coding |
| ELP5 | Elp5 | Elp5-202 | 0.080 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-203 | 0.069 | protein_coding |
| CSNK2A1 | Csnk2a1 | Csnk2a1-203 | 0.087 | protein_coding |
| CTDNBP1 | Ctdnep1 | Ctdnep1-201 | 0.092 | protein_coding |
| STT3A | Stt3a | Stt3a-208 | 0.045 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-210 | 0.215 | protein_coding |
| ZMIZ2 | Zmiz2 | Zmiz2-202 | 0.308 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| MAP11 | Map11 | Map11-204 | 0.276 | protein_coding |
| LDHA | Ldha | Ldha-202 | 0.111 | protein_coding |
| LIMS1 | Lims1 | Lims1-201 | 0.199 | protein_coding |
| TCP1 | Tcp1 | Tcp1-212 | 0.095 | protein_coding |
| UBA1 | Uba1 | Uba1-203 | 0.037 | protein_coding |
| STT3A | Stt3a | Stt3a-202 | 0.072 | protein_coding |
| CSE1L | Cse1l | Cse1l-206 | 0.213 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-207 | 0.145 | protein_coding |
| CCNA2 | Ccna2 | Ccna2-204 | 0.066 | protein_coding |
| RBIS | Rbis | Rbis-202 | 0.079 | protein_coding |
| TFRC | Tfrc | Tfrc-207 | 0.060 | protein_coding |
| CSE1L | Cse1l | Cse1l-207 | 0.050 | protein_coding |
| WDR45 | Wdr45 | Wdr45-232 | 0.081 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-209 | 0.015 | protein_coding |
| RACK1 | Rack1 | Rack1-205 | 0.048 | protein_coding |
| TKT | Tkt | Tkt-209 | 0.131 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-205 | 0.040 | protein_coding |
| POLR2M | Polr2m | Polr2m-202 | 0.117 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-204 | 0.025 | protein_coding |
| BCAR1 | Bcar1 | Bcar1-203 | 0.125 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-208 | 0.068 | protein_coding |
| WDR45 | Wdr45 | Wdr45-215 | 0.041 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-206 | 0.090 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-207 | 0.082 | protein_coding |
| PPIG | Ppig | Ppig-210 | 0.001 | protein_coding |
| PFN2 | Pfn2 | Pfn2-202 | 0.031 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-205 | 0.366 | protein_coding |
| MECR | Mecr | Mecr-204 | 0.043 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-210 | 0.112 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-203 | 0.074 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-204 | 0.076 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-213 | 0.033 | protein_coding |
| RPL15 | Rpl15 | Rpl15-204 | 0.129 | protein_coding |
| TFRC | Tfrc | Tfrc-204 | 0.118 | protein_coding |
| NUP88 | Nup88 | Nup88-215 | 0.139 | protein_coding |
| SETD3 | Setd3 | Setd3-207 | 0.096 | protein_coding |
| EIF4E | Eif4e | Eif4e-203 | 0.040 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-203 | 0.126 | protein_coding |
| RAB11A | Rab11a | Rab11a-207 | 0.081 | protein_coding |
| RAB11A | Rab11a | Rab11a-202 | 0.014 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-204 | 0.064 | protein_coding |
| ACTR3 | Actr3 | Actr3-208 | 0.050 | protein_coding |
| SATB2 | Satb2 | Satb2-201 | 0.128 | protein_coding |

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| CHMP3 | Chmp3 | Chmp3-207 | 0.056 | protein_coding |
| PLAAT3 | Plaat3 | Plaat3-201 | 0.132 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-211 | 0.020 | protein_coding |
| WDR45 | Wdr45 | Wdr45-202 | 0.060 | protein_coding |
| RPL17 | Rpl17 | Rpl17-202 | 0.201 | protein_coding |
| BZW1 | Bzw1 | Bzw1-201 | 0.057 | protein_coding |
| CDK16 | Cdk16 | Cdk16-206 | 0.060 | protein_coding |
| ANP32A | Anp32a | Anp32a-205 | 0.168 | protein_coding |
| SETD3 | Setd3 | Setd3-201 | 0.176 | protein_coding |
| BZW1 | Bzw1 | Bzw1-204 | 0.057 | protein_coding |
| ELP3 | Elp3 | Elp3-201 | 0.136 | protein_coding |
| IMMT | Immt | Immt-212 | 0.067 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-201 | 0.106 | protein_coding |
| NCAPH | Ncaph | Ncaph-202 | 0.047 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-229 | 0.034 | protein_coding |
| POLR2F | Polr2f | Polr2f-202 | 0.123 | protein_coding |
| MLST8 | Mlst8 | Mlst8-204 | 0.065 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-205 | 0.025 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-203 | 0.034 | protein_coding |
| ANAPC11 | Anapc11 | Anapc11-203 | 0.129 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-201 | 0.082 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-202 | 0.071 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-211 | 0.063 | protein_coding |
| RPL23A | Rpl23a | Rpl23a-202 | 0.082 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-205 | 0.094 | protein_coding |
| VTA1 | Vta1 | Vta1-201 | 0.020 | protein_coding |
| TROAP | Troap | Troap-205 | 0.069 | protein_coding |
| WDR45 | Wdr45 | Wdr45-204 | 0.079 | protein_coding |
| CCT5 | Cct5 | Cct5-201 | 0.114 | protein_coding |
| ENOPH1 | Enoph1 | Enoph1-202 | 0.067 | protein_coding |
| ELP5 | Elp5 | Elp5-208 | 0.089 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-209 | 0.041 | protein_coding |
| XPR1 | Xpr1 | Xpr1-204 | 0.096 | protein_coding |
| XPO6 | Xpo6 | Xpo6-208 | 0.055 | protein_coding |
| CAP1 | Cap1 | Cap1-207 | 0.042 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-205 | 0.040 | protein_coding |
| MEA1 | Mea1 | Mea1-208 | 0.091 | protein_coding |
| EIF5A | Eif5a | Eif5a-201 | 0.097 | protein_coding |
| TCP1 | Tcp1 | Tcp1-208 | 0.039 | protein_coding |
| MRPS24 | Mrps24 | Mrps24-202 | 0.041 | protein_coding |
| AURKA | Aurka | Aurka-201 | 0.103 | protein_coding |
| SMAP1 | Smap1 | Smap1-203 | 0.074 | protein_coding |
| TBP | Tbp | Tbp-208 | 0.142 | protein_coding |

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| UBXN6 | Ubxn6 | Ubxn6-204 | 0.101 | protein_coding |
| NUSAP1 | Nusap1 | Nusap1-201 | 0.243 | protein_coding |
| LAS1L | Las1l | Las1l-204 | 0.028 | protein_coding |
| IL20RA | Il20ra | Il20ra-201 | 0.121 | protein_coding |
| MLST8 | Mlst8 | Mlst8-207 | 0.039 | protein_coding |
| SMG9 | Smg9 | Smg9-204 | 0.042 | protein_coding |
| ANP32A | Anp32a | Anp32a-208 | 0.169 | protein_coding |
| UBE2K | Ube2k | Ube2k-201 | 0.149 | protein_coding |
| PPIG | Ppig | Ppig-211 | 0.001 | protein_coding |
| ELF3 | Elf3 | Elf3-201 | 0.217 | protein_coding |
| KDELRL1 | Kdelr1 | Kdelr1-202 | 0.144 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-222 | 0.116 | protein_coding |
| PPIG | Ppig | Ppig-203 | 0.119 | protein_coding |
| ARIH2 | Arih2 | Arih2-211 | 0.032 | protein_coding |
| RAB11A | Rab11a | Rab11a-204 | 0.020 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-204 | 0.140 | protein_coding |
| WDR45 | Wdr45 | Wdr45-227 | 0.065 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-211 | 0.229 | protein_coding |
| SLC38A1 | Slc38a1 | Slc38a1-204 | 0.191 | protein_coding |
| RPL30 | Rpl30 | Rpl30-202 | 0.133 | protein_coding |
| CENPX | Cenpx | Cenpx-202 | 0.350 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-208 | 0.027 | protein_coding |
| SEC11A | Sec11a | Sec11a-204 | 0.225 | protein_coding |
| HJURP | Hjulp | Hjulp-204 | 0.049 | protein_coding |
| SCOC | Scoc | Scoc-204 | 0.047 | protein_coding |
| U2AF1 | U2af1 | U2af1-207 | 0.057 | protein_coding |
| POLR2M | Polr2m | Polr2m-204 | 0.023 | protein_coding |
| DHX30 | Dhx30 | Dhx30-218 | 0.119 | protein_coding |
| CLTC | Cltc | Cltc-204 | 0.046 | protein_coding |
| DDOST | Ddost | Ddost-201 | 0.135 | protein_coding |
| UBA2 | Uba2 | Uba2-207 | 0.052 | protein_coding |
| PPT1 | Ppt1 | Ppt1-201 | 0.106 | protein_coding |
| EIF5A | Eif5a | Eif5a-212 | 0.120 | protein_coding |
| STT3A | Stt3a | Stt3a-205 | 0.085 | protein_coding |
| TWF1 | Twf1 | Twf1-203 | 0.147 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-203 | 0.044 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-206 | 0.050 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-204 | 0.107 | protein_coding |
| EZH2 | Ezh2 | Ezh2-205 | 0.112 | protein_coding |
| ENTPD6 | Entpd6 | Entpd6-203 | 0.016 | protein_coding |
| MECR | Mecr | Mecr-202 | 0.042 | protein_coding |
| FDFT1 | Fdft1 | Fdft1-202 | 0.066 | protein_coding |
| GPS1 | Gps1 | Gps1-201 | 0.314 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| NPRL3 | Nprl3 | Nprl3-216 | 0.167 | protein_coding |
| EIF2AK2 | Eif2ak2 | Eif2ak2-204 | 0.067 | protein_coding |
| SETD3 | Setd3 | Setd3-208 | 0.014 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-201 | 0.052 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-226 | 0.042 | protein_coding |
| RPS27L | Rps27l | Rps27l-202 | 0.205 | protein_coding |
| NFE2L2 | Nfe2l2 | Nfe2l2-202 | 0.079 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-201 | 0.085 | protein_coding |
| GNAS | Gnas | Gnas-208 | 0.041 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-204 | 0.284 | protein_coding |
| HMGB3 | Hmgb3 | Hmgb3-201 | 0.294 | protein_coding |
| EZH2 | Ezh2 | Ezh2-215 | 0.111 | protein_coding |
| VDAC1 | Vdac1 | Vdac1-201 | 0.060 | protein_coding |
| CCT5 | Cct5 | Cct5-202 | 0.094 | protein_coding |
| UGDH | Ugdh | Ugdh-204 | 0.283 | protein_coding |
| HMMR | Hmmr | Hmmr-202 | 0.032 | protein_coding |
| TWF1 | Twf1 | Twf1-201 | 0.146 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-218 | 0.041 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-222 | 0.015 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-208 | 0.282 | protein_coding |
| CCNA2 | Ccna2 | Ccna2-205 | 0.050 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-203 | 0.136 | protein_coding |
| MDH2 | Mdh2 | Mdh2-201 | 0.138 | protein_coding |
| TRIM8 | Trim8 | Trim8-202 | 0.092 | protein_coding |
| XPO6 | Xpo6 | Xpo6-207 | 0.078 | protein_coding |
| SMAP1 | Smap1 | Smap1-206 | 0.042 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-201 | 0.064 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-208 | 0.021 | protein_coding |
| SLC7A5 | Slc7a5 | Slc7a5-201 | 0.176 | protein_coding |
| NUP88 | Nup88 | Nup88-203 | 0.129 | protein_coding |
| S100A2 | S100a2 | S100a2-203 | 0.069 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-209 | 0.051 | protein_coding |
| S100A16 | S100a16 | S100a16-206 | 0.088 | protein_coding |
| LRRC42 | Lrrc42 | Lrrc42-204 | 0.053 | protein_coding |
| GNAS | Gnas | Gnas-213 | 0.133 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-203 | 0.068 | protein_coding |
| RABL6 | Rabl6 | Rabl6-203 | 0.061 | protein_coding |
| LDHA | Ldha | Ldha-210 | 0.111 | protein_coding |
| DDX5 | Ddx5 | Ddx5-202 | 0.085 | protein_coding |
| PSIP1 | Psip1 | Psip1-207 | 0.021 | protein_coding |
| BCAR1 | Bcar1 | Bcar1-201 | 0.125 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-207 | 0.041 | protein_coding |
| SIX5 | Six5 | Six5-201 | 0.236 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| ARIH2 | Arih2 | Arih2-206 | 0.214 | protein_coding |
| LDHA | Ldha | Ldha-208 | 0.113 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-201 | 0.098 | protein_coding |
| IMMT | Immt | Immt-201 | 0.222 | protein_coding |
| EIF3E | Eif3e | Eif3e-204 | 0.061 | protein_coding |
| OAT | Oat | Oat-201 | 0.127 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-207 | 0.054 | protein_coding |
| SMG9 | Smg9 | Smg9-203 | 0.048 | protein_coding |
| WDR45 | Wdr45 | Wdr45-206 | 0.060 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-207 | 0.057 | protein_coding |
| AKR1A1 | Akr1a1 | Akr1a1-201 | 0.088 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-205 | 0.097 | protein_coding |
| RABL6 | Rabl6 | Rabl6-202 | 0.129 | protein_coding |
| LTA4H | Lta4h | Lta4h-202 | 0.231 | protein_coding |
| MECR | Mecr | Mecr-203 | 0.210 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-204 | 0.215 | protein_coding |
| TEX30 | Tex30 | Tex30-201 | 0.078 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-203 | 0.091 | protein_coding |
| LAS1L | Las1l | Las1l-206 | 0.039 | protein_coding |
| DHX30 | Dhx30 | Dhx30-221 | 0.029 | protein_coding |
| ANP32A | Anp32a | Anp32a-209 | 0.068 | protein_coding |
| TSPAN14 | Tspan14 | Tspan14-201 | 0.057 | protein_coding |
| SLC27A2 | Slc27a2 | Slc27a2-204 | 0.151 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-223 | 0.042 | protein_coding |
| TBK1 | Tbk1 | Tbk1-206 | 0.043 | protein_coding |
| BZW1 | Bzw1 | Bzw1-203 | 0.060 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-206 | 0.044 | protein_coding |
| AURKA | Aurka | Aurka-205 | 0.057 | protein_coding |
| PSIP1 | Psip1 | Psip1-205 | 0.080 | protein_coding |
| CYFIP1 | Cyfip1 | Cyfip1-210 | 0.071 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-208 | 0.012 | protein_coding |
| LDHA | Ldha | Ldha-211 | 0.104 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-222 | 0.418 | protein_coding |
| ZNRD2 | Znrd2 | Znrd2-205 | 0.090 | protein_coding |
| VDAC1 | Vdac1 | Vdac1-203 | 0.106 | protein_coding |
| NDUFS8 | Ndufs8 | Ndufs8-203 | 0.125 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-205 | 0.064 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-211 | 0.170 | protein_coding |
| TKT | Tkt | Tkt-205 | 0.062 | protein_coding |
| ANAPC11 | Anapc11 | Anapc11-204 | 0.220 | protein_coding |
| ELP5 | Elp5 | Elp5-210 | 0.080 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-209 | 0.082 | protein_coding |
| ORC4 | Orc4 | Orc4-211 | 0.014 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| HMGB3 | Hmgb3 | Hmgb3-203 | 0.293 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-205 | 0.068 | protein_coding |
| NSD2 | Nsd2 | Nsd2-215 | 0.102 | protein_coding |
| RPL30 | Rpl30 | Rpl30-206 | 0.212 | protein_coding |
| MECR | Mecr | Mecr-207 | 0.095 | protein_coding |
| GNAS | Gnas | Gnas-217 | 0.016 | protein_coding |
| POLR2F | Polr2f | Polr2f-201 | 0.091 | protein_coding |
| RAB11A | Rab11a | Rab11a-208 | 0.058 | protein_coding |
| RPL30 | Rpl30 | Rpl30-205 | 0.034 | protein_coding |
| CAP1 | Cap1 | Cap1-205 | 0.134 | protein_coding |
| RBIS | Rbis | Rbis-201 | 0.079 | protein_coding |
| SLCO4A1 | Slco4a1 | Slco4a1-205 | 0.300 | protein_coding |
| UBA1 | Uba1 | Uba1-206 | 0.063 | protein_coding |
| RPS27L | Rps27l | Rps27l-203 | 0.063 | protein_coding |
| DHX30 | Dhx30 | Dhx30-216 | 0.112 | protein_coding |
| RPL15 | Rpl15 | Rpl15-205 | 0.070 | protein_coding |
| XPO6 | Xpo6 | Xpo6-215 | 0.067 | protein_coding |
| LDHA | Ldha | Ldha-214 | 0.102 | protein_coding |
| GPX4 | Gpx4 | Gpx4-202 | 0.101 | protein_coding |
| TEX30 | Tex30 | Tex30-213 | 0.031 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-203 | 0.030 | protein_coding |
| RACK1 | Rack1 | Rack1-202 | 0.084 | protein_coding |
| SUCLG2 | Suclg2 | Suclg2-203 | 0.076 | protein_coding |
| VDAC1 | Vdac1 | Vdac1-202 | 0.162 | protein_coding |
| WDR45 | Wdr45 | Wdr45-205 | 0.055 | protein_coding |
| XPO6 | Xpo6 | Xpo6-205 | 0.035 | protein_coding |
| RPS7 | Rps7 | Rps7-205 | 0.162 | protein_coding |
| RRAS2 | Rras2 | Rras2-201 | 0.106 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-202 | 0.111 | protein_coding |
| UBA2 | Uba2 | Uba2-201 | 0.106 | protein_coding |
| GPS1 | Gps1 | Gps1-208 | 0.370 | protein_coding |
| ANP32A | Anp32a | Anp32a-210 | 0.170 | protein_coding |
| MFSD2A | Mfsd2a | Mfsd2a-204 | 0.151 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-209 | 0.054 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-202 | 0.425 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-204 | 0.133 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-203 | 0.160 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-205 | 0.163 | protein_coding |
| EIF3E | Eif3e | Eif3e-201 | 0.063 | protein_coding |
| HDAC2 | Hdac2 | Hdac2-202 | 0.193 | protein_coding |
| TEX30 | Tex30 | Tex30-210 | 0.008 | protein_coding |
| MPG | Mpg | Mpg-202 | 0.121 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-205 | 0.093 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| AP1G1 | Ap1g1 | Ap1g1-203 | 0.016 | protein_coding |
| UBAP2L | Ubp2l | Ubp2l-201 | 0.284 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-208 | 0.067 | protein_coding |
| CSE1L | Cse1l | Cse1l-203 | 0.112 | protein_coding |
| NUP88 | Nup88 | Nup88-213 | 0.128 | protein_coding |
| SMG9 | Smg9 | Smg9-207 | 0.069 | protein_coding |
| DEK | Dek | Dek-205 | 0.072 | protein_coding |
| VTA1 | Vta1 | Vta1-206 | 0.016 | protein_coding |
| MPRIIP | Mprip | Mprip-208 | 0.079 | protein_coding |
| MAP11 | Map11 | Map11-201 | 0.340 | protein_coding |
| AGAP3 | Agap3 | Agap3-201 | 0.095 | protein_coding |
| ZMIZ2 | Zmiz2 | Zmiz2-203 | 0.309 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-224 | 0.052 | protein_coding |
| PSMA7 | Psm7 | Psm7-206 | 0.129 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-212 | 0.134 | protein_coding |
| AKR1A1 | Akr1a1 | Akr1a1-203 | 0.086 | protein_coding |
| BZW1 | Bzw1 | Bzw1-202 | 0.197 | protein_coding |
| TBP | Tbp | Tbp-207 | 0.121 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-205 | 0.110 | protein_coding |
| STT3A | Stt3a | Stt3a-209 | 0.073 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-201 | 0.071 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-204 | 0.109 | protein_coding |
| PSIP1 | Psip1 | Psip1-206 | 0.105 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-207 | 0.036 | protein_coding |
| STPG1 | Stpg1 | Stpg1-201 | 0.168 | protein_coding |
| LRRC42 | Lrrc42 | Lrrc42-205 | 0.043 | protein_coding |
| NOP53 | Nop53 | Nop53-203 | 0.165 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-203 | 0.428 | protein_coding |
| UBE2K | Ube2k | Ube2k-210 | 0.149 | protein_coding |
| MPG | Mpg | Mpg-204 | 0.318 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-209 | 0.031 | protein_coding |
| MRPL27 | Mrpl27 | Mrpl27-203 | 0.018 | protein_coding |
| DDX1 | Ddx1 | Ddx1-201 | 0.109 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-205 | 0.151 | protein_coding |
| NUP88 | Nup88 | Nup88-214 | 0.023 | protein_coding |
| CCNA2 | Ccna2 | Ccna2-202 | 0.103 | protein_coding |
| UBE2K | Ube2k | Ube2k-209 | 0.122 | protein_coding |
| XPO6 | Xpo6 | Xpo6-214 | 0.058 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-203 | 0.069 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-202 | 0.135 | protein_coding |
| CSE1L | Cse1l | Cse1l-202 | 0.058 | protein_coding |
| SLC7A5 | Slc7a5 | Slc7a5-203 | 0.030 | protein_coding |
| POLR2H | Polr2h | Polr2h-204 | 0.038 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| CSNK1A1 | Csnk1a1 | Csnk1a1-210 | 0.097 | protein_coding |
| HMGB3 | Hmgb3 | Hmgb3-206 | 0.101 | protein_coding |
| EZH2 | Ezh2 | Ezh2-210 | 0.012 | protein_coding |
| SLC7A5 | Slc7a5 | Slc7a5-202 | 0.065 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-211 | 0.121 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-201 | 0.058 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-206 | 0.016 | protein_coding |
| SEC11A | Sec11a | Sec11a-203 | 0.084 | protein_coding |
| XPO6 | Xpo6 | Xpo6-217 | 0.127 | protein_coding |
| MTIF2 | Mtif2 | Mtif2-206 | 0.105 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-205 | 0.089 | protein_coding |
| CYFIP1 | Cyfip1 | Cyfip1-201 | 0.148 | protein_coding |
| ZMIZ2 | Zmiz2 | Zmiz2-204 | 0.305 | protein_coding |
| TCP1 | Tcp1 | Tcp1-206 | 0.088 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-207 | 0.176 | protein_coding |
| CDK16 | Cdk16 | Cdk16-207 | 0.057 | protein_coding |
| EIF4E | Eif4e | Eif4e-205 | 0.085 | protein_coding |
| TEX30 | Tex30 | Tex30-203 | 0.018 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-215 | 0.065 | protein_coding |
| SMAP1 | Smap1 | Smap1-201 | 0.072 | protein_coding |
| NUP85 | Nup85 | Nup85-207 | 0.048 | protein_coding |
| ORC4 | Orc4 | Orc4-209 | 0.017 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-207 | 0.096 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-208 | 0.214 | protein_coding |
| RPS7 | Rps7 | Rps7-203 | 0.068 | protein_coding |
| MTIF2 | Mtif2 | Mtif2-204 | 0.142 | protein_coding |
| UBA1 | Uba1 | Uba1-205 | 0.103 | protein_coding |
| CDH1 | Cdh1 | Cdh1-202 | 0.085 | protein_coding |
| POLR2H | Polr2h | Polr2h-203 | 0.033 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-204 | 0.222 | protein_coding |
| SKA2 | Ska2 | Ska2-203 | 0.056 | protein_coding |
| DAZAP2 | Dazap2 | Dazap2-202 | 0.033 | protein_coding |
| DHX30 | Dhx30 | Dhx30-206 | 0.044 | protein_coding |
| XPO6 | Xpo6 | Xpo6-219 | 0.294 | protein_coding |
| STK25 | Stk25 | Stk25-203 | 0.084 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-207 | 0.051 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-203 | 0.038 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-201 | 0.077 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-203 | 0.056 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-202 | 0.046 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-208 | 0.095 | protein_coding |
| AKT2 | Akt2 | Akt2-202 | 0.342 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-201 | 0.228 | protein_coding |

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|-----------|-----------|---------------|-------|----------------|
| NUP85 | Nup85 | Nup85-206 | 0.075 | protein_coding |
| NUP85 | Nup85 | Nup85-201 | 0.086 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-202 | 0.063 | protein_coding |
| UBAP2L | Ubp2l | Ubp2l-213 | 0.040 | protein_coding |
| UBAP2L | Ubp2l | Ubp2l-215 | 0.284 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-201 | 0.017 | protein_coding |
| SLC30A5 | Slc30a5 | Slc30a5-201 | 0.104 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-205 | 0.051 | protein_coding |
| EIF5A | Eif5a | Eif5a-203 | 0.097 | protein_coding |
| EZH2 | Ezh2 | Ezh2-203 | 0.108 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-206 | 0.374 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-204 | 0.092 | protein_coding |
| AKT2 | Akt2 | Akt2-203 | 0.305 | protein_coding |
| SETD3 | Setd3 | Setd3-205 | 0.063 | protein_coding |
| STPG1 | Stpg1 | Stpg1-202 | 0.055 | protein_coding |
| EIF5A | Eif5a | Eif5a-202 | 0.097 | protein_coding |
| UBA2 | Uba2 | Uba2-205 | 0.271 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-204 | 0.006 | protein_coding |
| DHX30 | Dhx30 | Dhx30-210 | 0.016 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-202 | 0.080 | protein_coding |
| RUNX1 | Runx1 | Runx1-201 | 0.203 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-205 | 0.086 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-217 | 0.054 | protein_coding |
| MPRIP | Mprp | Mprp-203 | 0.303 | protein_coding |
| CLTC | Cltc | Cltc-203 | 0.087 | protein_coding |
| SATB2 | Satb2 | Satb2-202 | 0.129 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-203 | 0.015 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-205 | 0.148 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-206 | 0.132 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-209 | 0.149 | protein_coding |
| RPS15 | Rps15 | Rps15-201 | 0.055 | protein_coding |
| ENTPD6 | Entpd6 | Entpd6-204 | 0.128 | protein_coding |
| CDKN1A | Cdkn1a | Cdkn1a-202 | 0.053 | protein_coding |
| MSI2 | Msi2 | Msi2-205 | 0.142 | protein_coding |
| CDKN1A | Cdkn1a | Cdkn1a-203 | 0.053 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-209 | 0.181 | protein_coding |
| MRPL27 | Mrpl27 | Mrpl27-202 | 0.059 | protein_coding |
| TCEA1 | Tcea1 | Tcea1-202 | 0.081 | protein_coding |
| MTIF2 | Mtif2 | Mtif2-207 | 0.103 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-208 | 0.014 | protein_coding |
| HJURP | Hjurp | Hjurp-205 | 0.056 | protein_coding |
| DPF2 | Dpf2 | Dpf2-203 | 0.030 | protein_coding |
| UBE2K | Ube2k | Ube2k-202 | 0.041 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| DPF2 | Dpf2 | Dpf2-210 | 0.109 | protein_coding |
| EZH2 | Ezh2 | Ezh2-202 | 0.109 | protein_coding |
| WDR45 | Wdr45 | Wdr45-209 | 0.041 | protein_coding |
| UROD | Urod | Urod-210 | 0.013 | protein_coding |
| EZH2 | Ezh2 | Ezh2-209 | 0.125 | protein_coding |
| METAP2 | Metap2 | Metap2-203 | 0.141 | protein_coding |
| SQSTM1 | Sqstm1 | Sqstm1-203 | 0.292 | protein_coding |
| MFSD2A | Mfsd2a | Mfsd2a-203 | 0.114 | protein_coding |
| ELOB | Elob | Elob-208 | 0.058 | protein_coding |
| DCAKD | Dcakd | Dcakd-203 | 0.396 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-205 | 0.032 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-203 | 0.154 | protein_coding |
| ACTL6A | Actl6a | Actl6a-205 | 0.021 | protein_coding |
| MLST8 | Mlst8 | Mlst8-209 | 0.012 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-212 | 0.131 | protein_coding |
| MAP11 | Map11 | Map11-207 | 0.271 | protein_coding |
| BCAR1 | Bcar1 | Bcar1-202 | 0.102 | protein_coding |
| METAP2 | Metap2 | Metap2-206 | 0.161 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-212 | 0.111 | protein_coding |
| ORC4 | Orc4 | Orc4-204 | 0.010 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-210 | 0.034 | protein_coding |
| SMAP1 | Smap1 | Smap1-207 | 0.042 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-212 | 0.078 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-203 | 0.088 | protein_coding |
| MRPS24 | Mrps24 | Mrps24-203 | 0.014 | protein_coding |
| ANP32A | Anp32a | Anp32a-207 | 0.168 | protein_coding |
| LUC7L | Luc7l | Luc7l-204 | 0.169 | protein_coding |
| CDK16 | Cdk16 | Cdk16-205 | 0.148 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-203 | 0.050 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-227 | 0.014 | protein_coding |
| ENTPD6 | Entpd6 | Entpd6-202 | 0.022 | protein_coding |
| WDR45 | Wdr45 | Wdr45-225 | 0.060 | protein_coding |
| UBA2 | Uba2 | Uba2-208 | 0.048 | protein_coding |
| IMMT | Immt | Immt-205 | 0.223 | protein_coding |
| NPLOC4 | Nploc4 | Nploc4-205 | 0.317 | protein_coding |
| EIF2AK2 | Eif2ak2 | Eif2ak2-203 | 0.055 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-211 | 0.173 | protein_coding |
| TCP1 | Tcp1 | Tcp1-211 | 0.058 | protein_coding |
| COPS7A | Cops7a | Cops7a-206 | 0.133 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-204 | 0.403 | protein_coding |
| GPX4 | Gpx4 | Gpx4-206 | 0.338 | protein_coding |
| UBL5 | Ubl5 | Ubl5-203 | 0.173 | protein_coding |
| ILRUN | Ilrun | Ilrun-203 | 0.148 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| PSIP1 | Psip1 | Psip1-203 | 0.060 | protein_coding |
| ZNRD2 | Znrd2 | Znrd2-201 | 0.362 | protein_coding |
| EMC9 | Emc9 | Emc9-201 | 0.061 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-201 | 0.250 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-205 | 0.173 | protein_coding |
| EZH2 | Ezh2 | Ezh2-204 | 0.108 | protein_coding |
| COPS7A | Cops7a | Cops7a-204 | 0.132 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-201 | 0.429 | protein_coding |
| ELOB | Elob | Elob-205 | 0.405 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-204 | 0.122 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-205 | 0.063 | protein_coding |
| TROAP | Troap | Troap-202 | 0.004 | protein_coding |
| MRPL13 | Mrpl13 | Mrpl13-204 | 0.119 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-205 | 0.076 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-206 | 0.085 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-202 | 0.206 | protein_coding |
| PSMD1 | Psmd1 | Psmd1-202 | 0.220 | protein_coding |
| LTA4H | Lta4h | Lta4h-201 | 0.340 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-211 | 0.051 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-208 | 0.084 | protein_coding |
| ID1 | Id1 | Id1-201 | 0.023 | protein_coding |
| TBP | Tbp | Tbp-212 | 0.173 | protein_coding |
| ECSIT | Ecsit | Ecsit-205 | 0.089 | protein_coding |
| ORC1 | Orc1 | Orc1-203 | 0.041 | protein_coding |
| FDFT1 | Fdft1 | Fdft1-203 | 0.046 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-202 | 0.190 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-203 | 0.028 | protein_coding |
| SLC44A4 | Slc44a4 | Slc44a4-202 | 0.248 | protein_coding |
| TFRC | Tfrc | Tfrc-206 | 0.076 | protein_coding |
| EIF3E | Eif3e | Eif3e-203 | 0.011 | protein_coding |
| RPSA | Rpsa | Rpsa-203 | 0.044 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-208 | 0.109 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-203 | 0.076 | protein_coding |
| DDAH1 | Ddah1 | Ddah1-201 | 0.161 | protein_coding |
| DIAPH1 | Diaph1 | Diaph1-206 | 0.120 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-201 | 0.098 | protein_coding |
| MSI2 | Msi2 | Msi2-202 | 0.113 | protein_coding |
| S100A16 | S100a16 | S100a16-202 | 0.203 | protein_coding |
| ACTL6A | Actl6a | Actl6a-206 | 0.225 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-208 | 0.088 | protein_coding |
| S100A2 | S100a2 | S100a2-204 | 0.073 | protein_coding |
| POLR2H | Polr2h | Polr2h-201 | 0.091 | protein_coding |
| ACTR3 | Actr3 | Actr3-204 | 0.078 | protein_coding |

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|--------|--------|------------|-------|----------------|
| ZC3H14 | Zc3h14 | Zc3h14-211 | 0.040 | protein_coding |
| DAZAP2 | Dazap2 | Dazap2-201 | 0.144 | protein_coding |
| CENPM | Cenpm | Cenpm-205 | 0.022 | protein_coding |
| WDR45 | Wdr45 | Wdr45-208 | 0.055 | protein_coding |
| ARIH2 | Arih2 | Arih2-209 | 0.206 | protein_coding |
| HMMR | Hmmr | Hmmr-203 | 0.073 | protein_coding |
| MFSD2A | Mfsd2a | Mfsd2a-201 | 0.150 | protein_coding |
| DDX5 | Ddx5 | Ddx5-204 | 0.063 | protein_coding |
| EIF5A | Eif5a | Eif5a-207 | 0.130 | protein_coding |
| RBM4 | Rbm4 | Rbm4-205 | 0.125 | protein_coding |
| ENOPH1 | Enoph1 | Enoph1-203 | 0.045 | protein_coding |
| SEC11A | Sec11a | Sec11a-210 | 0.138 | protein_coding |
| PSMD1 | Psm1 | Psm1-209 | 0.065 | protein_coding |
| METT18 | Mett18 | Mett18-201 | 0.086 | protein_coding |
| RPS7 | Rps7 | Rps7-207 | 0.069 | protein_coding |
| DCAKD | Dc1kd | Dc1kd-202 | 0.016 | protein_coding |
| EMC9 | Emc9 | Emc9-203 | 0.118 | protein_coding |
| LUC7L | Luc7l | Luc7l-208 | 0.169 | protein_coding |
| CDK16 | Cdk16 | Cdk16-204 | 0.088 | protein_coding |
| RPSA | Rpsa | Rpsa-201 | 0.144 | protein_coding |
| LTA4H | Lta4h | Lta4h-208 | 0.084 | protein_coding |
| BAD | Bad | Bad-207 | 0.092 | protein_coding |
| U2AF1 | U2af1 | U2af1-204 | 0.118 | protein_coding |
| WDR45 | Wdr45 | Wdr45-218 | 0.084 | protein_coding |
| DNAJA3 | Dnaja3 | Dnaja3-205 | 0.110 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-206 | 0.081 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-201 | 0.397 | protein_coding |
| CPLX1 | Cplx1 | Cplx1-201 | 0.090 | protein_coding |
| WDR45 | Wdr45 | Wdr45-214 | 0.041 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-209 | 0.049 | protein_coding |
| GNAS | Gnas | Gnas-215 | 0.245 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-202 | 0.055 | protein_coding |
| ZMIZ2 | Zmiz2 | Zmiz2-201 | 0.306 | protein_coding |
| PSMA1 | Psm1 | Psm1-201 | 0.059 | protein_coding |
| NAA38 | Naa38 | Naa38-203 | 0.073 | protein_coding |
| FOSL1 | Fosl1 | Fosl1-203 | 0.127 | protein_coding |
| IMMT | Immt | Immt-204 | 0.187 | protein_coding |
| TEX30 | Tex30 | Tex30-202 | 0.030 | protein_coding |
| DEK | Dek | Dek-207 | 0.218 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-220 | 0.284 | protein_coding |
| DOCK5 | Dock5 | Dock5-202 | 0.066 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-204 | 0.366 | protein_coding |
| MAX | Max | Max-207 | 0.187 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| MAX | Max | Max-205 | 0.188 | protein_coding |
| CTDNEP1 | Ctdnep1 | Ctdnep1-202 | 0.036 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-203 | 0.115 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-202 | 0.170 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-202 | 0.030 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-202 | 0.076 | protein_coding |
| TOX4 | Tox4 | Tox4-202 | 0.049 | protein_coding |
| AGAP3 | Agap3 | Agap3-206 | 0.099 | protein_coding |
| ENOPH1 | Enoph1 | Enoph1-201 | 0.068 | protein_coding |
| EZH2 | Ezh2 | Ezh2-208 | 0.070 | protein_coding |
| PPIA | Ppia | Ppia-206 | 0.127 | protein_coding |
| SMAD3 | Smad3 | Smad3-201 | 0.226 | protein_coding |
| HJURP | Hjurp | Hjurp-202 | 0.237 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-206 | 0.094 | protein_coding |
| ELP5 | Elp5 | Elp5-209 | 0.084 | protein_coding |
| MCMBP | Mcmbp | Mcmbp-205 | 0.094 | protein_coding |
| RPL23A | Rpl23a | Rpl23a-201 | 0.082 | protein_coding |
| NAA38 | Naa38 | Naa38-201 | 0.085 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-201 | 0.355 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-210 | 0.214 | protein_coding |
| LIMS1 | Lims1 | Lims1-202 | 0.189 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-208 | 0.174 | protein_coding |
| DEK | Dek | Dek-202 | 0.071 | protein_coding |
| PSMA1 | Psma1 | Psma1-204 | 0.068 | protein_coding |
| AKT2 | Akt2 | Akt2-210 | 0.178 | protein_coding |
| MECR | Mecr | Mecr-209 | 0.154 | protein_coding |
| ETFA | Etfa | Etfa-201 | 0.093 | protein_coding |
| AURKA | Aurka | Aurka-202 | 0.103 | protein_coding |
| UBL5 | Ubl5 | Ubl5-211 | 0.070 | protein_coding |
| GNAS | Gnas | Gnas-222 | 0.353 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-213 | 0.388 | protein_coding |
| ASNS | Asns | Asns-204 | 0.225 | protein_coding |
| EEF1A1 | Eef1a1 | Eef1a1-205 | 0.131 | protein_coding |
| SEC11A | Sec11a | Sec11a-201 | 0.135 | protein_coding |
| KDELRL1 | Kdelr1 | Kdelr1-204 | 0.099 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-213 | 0.164 | protein_coding |
| NOP53 | Nop53 | Nop53-202 | 0.282 | protein_coding |
| SCOC | Scoc | Scoc-210 | 0.060 | protein_coding |
| STK25 | Stk25 | Stk25-202 | 0.072 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-206 | 0.161 | protein_coding |
| ELP3 | Elp3 | Elp3-202 | 0.136 | protein_coding |
| PPIG | Ppig | Ppig-209 | 0.082 | protein_coding |
| AKT2 | Akt2 | Akt2-206 | 0.171 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| DHX30 | Dhx30 | Dhx30-209 | 0.108 | protein_coding |
| METAP2 | Metap2 | Metap2-216 | 0.348 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-202 | 0.044 | protein_coding |
| DIAPH1 | Diaph1 | Diaph1-207 | 0.043 | protein_coding |
| TCP1 | Tcp1 | Tcp1-209 | 0.315 | protein_coding |
| SMG9 | Smg9 | Smg9-205 | 0.052 | protein_coding |
| GPR108 | Gpr108 | Gpr108-201 | 0.300 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-201 | 0.025 | protein_coding |
| PSMD1 | Psmd1 | Psmd1-206 | 0.201 | protein_coding |
| NUP85 | Nup85 | Nup85-209 | 0.048 | protein_coding |
| MFSD2A | Mfsd2a | Mfsd2a-202 | 0.024 | protein_coding |
| ACTL6A | Actl6a | Actl6a-203 | 0.015 | protein_coding |
| NCAPH | Ncaph | Ncaph-204 | 0.103 | protein_coding |
| PSIP1 | Psip1 | Psip1-201 | 0.044 | protein_coding |
| LDHA | Ldha | Ldha-205 | 0.114 | protein_coding |
| MSI2 | Msi2 | Msi2-207 | 0.075 | protein_coding |
| YWHAQ | Ywhaq | Ywhaq-203 | 0.161 | protein_coding |
| KLC2 | Klc2 | Klc2-201 | 0.285 | protein_coding |
| UBA3 | Uba3 | Uba3-201 | 0.279 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-201 | 0.056 | protein_coding |
| TMUB1 | Tmub1 | Tmub1-204 | 0.101 | protein_coding |
| DNAJA3 | Dnaja3 | Dnaja3-203 | 0.431 | protein_coding |
| SCOC | Scoc | Scoc-206 | 0.066 | protein_coding |
| SEC11A | Sec11a | Sec11a-207 | 0.096 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-207 | 0.114 | protein_coding |
| TROAP | Troap | Troap-203 | 0.071 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-201 | 0.040 | protein_coding |
| ZNRD2 | Znrd2 | Znrd2-202 | 0.234 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-208 | 0.250 | protein_coding |
| DAZAP2 | Dazap2 | Dazap2-204 | 0.048 | protein_coding |
| SIMC1 | Simc1 | Simc1-204 | 0.227 | protein_coding |
| COPS3 | Cops3 | Cops3-203 | 0.065 | protein_coding |
| NFE2L2 | Nfe2l2 | Nfe2l2-201 | 0.118 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-202 | 0.100 | protein_coding |
| EZH2 | Ezh2 | Ezh2-211 | 0.058 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-216 | 0.220 | protein_coding |
| TOX4 | Tox4 | Tox4-203 | 0.097 | protein_coding |
| MFSD14B | Mfsd14b | Mfsd14b-203 | 0.102 | protein_coding |
| UBA2 | Uba2 | Uba2-210 | 0.113 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-204 | 0.035 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-203 | 0.241 | protein_coding |
| CALM2 | Calm2 | Calm2-205 | 0.014 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-210 | 0.053 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| DDAH1 | Ddah1 | Ddah1-202 | 0.166 | protein_coding |
| ORC1 | Orc1 | Orc1-202 | 0.094 | protein_coding |
| ANP32A | Anp32a | Anp32a-204 | 0.169 | protein_coding |
| PPP2R5C | Ppp2r5c | Ppp2r5c-205 | 0.110 | protein_coding |
| XPR1 | Xpr1 | Xpr1-203 | 0.233 | protein_coding |
| SATB2 | Satb2 | Satb2-205 | 0.118 | protein_coding |
| CLTC | Cltc | Cltc-206 | 0.079 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-204 | 0.154 | protein_coding |
| MECR | Mecr | Mecr-210 | 0.073 | protein_coding |
| ELP5 | Elp5 | Elp5-206 | 0.079 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-203 | 0.043 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-205 | 0.052 | protein_coding |
| DDX1 | Ddx1 | Ddx1-202 | 0.223 | protein_coding |
| LUC7L | Luc7l | Luc7l-206 | 0.172 | protein_coding |
| DEK | Dek | Dek-203 | 0.071 | protein_coding |
| NCAPH | Ncaph | Ncaph-201 | 0.093 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-206 | 0.018 | protein_coding |
| RND3 | Rnd3 | Rnd3-201 | 0.123 | protein_coding |
| UBE2C | Ube2c | Ube2c-201 | 0.416 | protein_coding |
| RPL32 | Rpl32 | Rpl32-201 | 0.053 | protein_coding |
| LIMS1 | Lims1 | Lims1-203 | 0.048 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-201 | 0.149 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-202 | 0.041 | protein_coding |
| RPS3 | Rps3 | Rps3-205 | 0.051 | protein_coding |
| WDR45 | Wdr45 | Wdr45-231 | 0.080 | protein_coding |
| PFN2 | Pfn2 | Pfn2-203 | 0.038 | protein_coding |
| YWHAQ | Ywhaq | Ywhaq-201 | 0.157 | protein_coding |
| KDELRL1 | Kdelr1 | Kdelr1-201 | 0.141 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-208 | 0.171 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-211 | 0.211 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-206 | 0.065 | protein_coding |
| SMG9 | Smg9 | Smg9-206 | 0.096 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-207 | 0.041 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-209 | 0.187 | protein_coding |
| TFRC | Tfrc | Tfrc-201 | 0.164 | protein_coding |
| GNAS | Gnas | Gnas-212 | 0.067 | protein_coding |
| RUNX1 | Runx1 | Runx1-205 | 0.080 | protein_coding |
| ELOB | Elob | Elob-207 | 0.121 | protein_coding |
| CCNA2 | Ccna2 | Ccna2-203 | 0.051 | protein_coding |
| RPL29 | Rpl29 | Rpl29-205 | 0.061 | protein_coding |
| GNAS | Gnas | Gnas-214 | 0.019 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-207 | 0.128 | protein_coding |
| GPS1 | Gps1 | Gps1-205 | 0.301 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| EZH2 | Ezh2 | Ezh2-207 | 0.119 | protein_coding |
| HJURP | Hjurp | Hjurp-201 | 0.226 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-207 | 0.069 | protein_coding |
| MID1IP1 | Mid1ip1 | Mid1ip1-203 | 0.014 | protein_coding |
| HJURP | Hjurp | Hjurp-207 | 0.026 | protein_coding |
| MSH2 | Msh2 | Msh2-204 | 0.245 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-201 | 0.207 | protein_coding |
| CENPM | Cenpm | Cenpm-206 | 0.082 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-207 | 0.105 | protein_coding |
| TEX30 | Tex30 | Tex30-211 | 0.030 | protein_coding |
| NUP88 | Nup88 | Nup88-204 | 0.125 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-211 | 0.097 | protein_coding |
| TBP | Tbp | Tbp-203 | 0.070 | protein_coding |
| GNAS | Gnas | Gnas-202 | 0.195 | protein_coding |
| WDR45 | Wdr45 | Wdr45-217 | 0.060 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-201 | 0.092 | protein_coding |
| HMGB3 | Hmgb3 | Hmgb3-204 | 0.293 | protein_coding |
| RACK1 | Rack1 | Rack1-206 | 0.274 | protein_coding |
| SLCO4A1 | Slco4a1 | Slco4a1-202 | 0.133 | protein_coding |
| GNAS | Gnas | Gnas-205 | 0.040 | protein_coding |
| EIF3L | Eif3l | Eif3l-203 | 0.133 | protein_coding |
| MTIF2 | Mtif2 | Mtif2-205 | 0.105 | protein_coding |
| RXYLT1 | Rxylt1 | Rxylt1-206 | 0.034 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-204 | 0.050 | protein_coding |
| DPF2 | Dpf2 | Dpf2-204 | 0.133 | protein_coding |
| ORC4 | Orc4 | Orc4-213 | 0.089 | protein_coding |
| CENPX | Cenpx | Cenpx-203 | 0.262 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-204 | 0.024 | protein_coding |
| TCP1 | Tcp1 | Tcp1-207 | 0.131 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-232 | 0.086 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-208 | 0.026 | protein_coding |
| VTA1 | Vta1 | Vta1-204 | 0.007 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-202 | 0.100 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-201 | 0.153 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-206 | 0.213 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-204 | 0.084 | protein_coding |
| GPR108 | Gpr108 | Gpr108-202 | 0.379 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-210 | 0.080 | protein_coding |
| ELOB | Elob | Elob-202 | 0.374 | protein_coding |
| LAS1L | Las1l | Las1l-207 | 0.101 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-207 | 0.214 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-206 | 0.096 | protein_coding |
| ELP5 | Elp5 | Elp5-201 | 0.078 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| MRPL27 | Mrpl27 | Mrpl27-204 | 0.074 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-213 | 0.053 | protein_coding |
| RABL6 | Rabl6 | Rabl6-201 | 0.101 | protein_coding |
| WDR45 | Wdr45 | Wdr45-211 | 0.001 | protein_coding |
| SEC11A | Sec11a | Sec11a-208 | 0.163 | protein_coding |
| MRPL27 | Mrpl27 | Mrpl27-201 | 0.074 | protein_coding |
| ORC4 | Orc4 | Orc4-212 | 0.055 | protein_coding |
| CDK16 | Cdk16 | Cdk16-203 | 0.080 | protein_coding |
| IMMT | Immt | Immt-206 | 0.223 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-207 | 0.080 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-206 | 0.108 | protein_coding |
| DHX30 | Dhx30 | Dhx30-219 | 0.167 | protein_coding |
| LTA4H | Lta4h | Lta4h-203 | 0.096 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-203 | 0.063 | protein_coding |
| MDH2 | Mdh2 | Mdh2-206 | 0.100 | protein_coding |
| MAX | Max | Max-201 | 0.356 | protein_coding |
| SLCO4A1 | Slco4a1 | Slco4a1-204 | 0.162 | protein_coding |
| DDX5 | Ddx5 | Ddx5-209 | 0.022 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-208 | 0.163 | protein_coding |
| RPL29 | Rpl29 | Rpl29-203 | 0.305 | protein_coding |
| TOX4 | Tox4 | Tox4-201 | 0.118 | protein_coding |
| UBL5 | Ubl5 | Ubl5-201 | 0.114 | protein_coding |
| SLC25A3 | Slc25a3 | Slc25a3-203 | 0.061 | protein_coding |
| S100A2 | S100a2 | S100a2-205 | 0.075 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-202 | 0.132 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-203 | 0.066 | protein_coding |
| XPO6 | Xpo6 | Xpo6-213 | 0.276 | protein_coding |
| AKT2 | Akt2 | Akt2-207 | 0.345 | protein_coding |
| DPF2 | Dpf2 | Dpf2-207 | 0.030 | protein_coding |
| CSNK2A1 | Csnk2a1 | Csnk2a1-204 | 0.219 | protein_coding |
| UBE2K | Ube2k | Ube2k-207 | 0.150 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-201 | 0.353 | protein_coding |
| ENOPH1 | Enoph1 | Enoph1-204 | 0.060 | protein_coding |
| CAP1 | Cap1 | Cap1-206 | 0.050 | protein_coding |
| EIF3L | Eif3l | Eif3l-202 | 0.095 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-201 | 0.105 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-209 | 0.142 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-204 | 0.065 | protein_coding |
| SMAD3 | Smad3 | Smad3-205 | 0.222 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-205 | 0.161 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-206 | 0.112 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-207 | 0.122 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-215 | 0.114 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| IST1 | Ist1 | Ist1-202 | 0.308 | protein_coding |
| NAA38 | Naa38 | Naa38-204 | 0.167 | protein_coding |
| MAP2K1 | Map2k1 | Map2k1-204 | 0.049 | protein_coding |
| TBK1 | Tbk1 | Tbk1-207 | 0.183 | protein_coding |
| STPG1 | Stpg1 | Stpg1-203 | 0.027 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-211 | 0.128 | protein_coding |
| AKT2 | Akt2 | Akt2-212 | 0.012 | protein_coding |
| RUNX1 | Runx1 | Runx1-203 | 0.204 | protein_coding |
| PPP2R5C | Ppp2r5c | Ppp2r5c-204 | 0.110 | protein_coding |
| NOL10 | Nol10 | Nol10-201 | 0.118 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-204 | 0.401 | protein_coding |
| MGST3 | Mgst3 | Mgst3-201 | 0.029 | protein_coding |
| ELOB | Elob | Elob-206 | 0.292 | protein_coding |
| DNAJA3 | Dnaja3 | Dnaja3-201 | 0.107 | protein_coding |
| MFS14B | Mfsd14b | Mfsd14b-201 | 0.103 | protein_coding |
| XPR1 | Xpr1 | Xpr1-201 | 0.247 | protein_coding |
| UBA3 | Uba3 | Uba3-204 | 0.278 | protein_coding |
| MLST8 | Mlst8 | Mlst8-205 | 0.045 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-203 | 0.366 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-209 | 0.039 | protein_coding |
| RPL17 | Rpl17 | Rpl17-201 | 0.032 | protein_coding |
| PFN2 | Pfn2 | Pfn2-204 | 0.039 | protein_coding |
| TROAP | Troap | Troap-201 | 0.136 | protein_coding |
| SNRPD2 | Snrpd2 | Snrpd2-201 | 0.260 | protein_coding |
| LTA4H | Lta4h | Lta4h-206 | 0.082 | protein_coding |
| VTA1 | Vta1 | Vta1-203 | 0.015 | protein_coding |
| GNAS | Gnas | Gnas-218 | 0.015 | protein_coding |
| WDR45 | Wdr45 | Wdr45-201 | 0.079 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-212 | 0.103 | protein_coding |
| ARCN1 | Arcn1 | Arcn1-203 | 0.183 | protein_coding |
| SEC11A | Sec11a | Sec11a-205 | 0.142 | protein_coding |
| MECR | Mecr | Mecr-208 | 0.173 | protein_coding |
| U2AF1 | U2af1 | U2af1-209 | 0.095 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-204 | 0.050 | protein_coding |
| NSD2 | Nsd2 | Nsd2-211 | 0.084 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-201 | 0.141 | protein_coding |
| SUCLG2 | Suc1g2 | Suc1g2-204 | 0.188 | protein_coding |
| ANP32A | Anp32a | Anp32a-203 | 0.169 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-201 | 0.211 | protein_coding |
| HYAL3 | Hyal3 | Hyal3-203 | 0.062 | protein_coding |
| ILRUN | Ilrun | Ilrun-205 | 0.137 | protein_coding |
| MRPS24 | Mrps24 | Mrps24-201 | 0.041 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-207 | 0.212 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| HSPA8 | Hspa8 | Hspa8-203 | 0.110 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-202 | 0.253 | protein_coding |
| POLR2F | Polr2f | Polr2f-204 | 0.291 | protein_coding |
| FOSL1 | Fosl1 | Fosl1-201 | 0.203 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-202 | 0.169 | protein_coding |
| CSE1L | Cse1l | Cse1l-205 | 0.214 | protein_coding |
| TBP | Tbp | Tbp-202 | 0.086 | protein_coding |
| WDR45 | Wdr45 | Wdr45-203 | 0.079 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-206 | 0.132 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-209 | 0.118 | protein_coding |
| PFN2 | Pfn2 | Pfn2-201 | 0.112 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-210 | 0.278 | protein_coding |
| SIMC1 | Simc1 | Simc1-206 | 0.074 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-204 | 0.095 | protein_coding |
| ORC1 | Orc1 | Orc1-201 | 0.058 | protein_coding |
| ARIH2 | Arih2 | Arih2-205 | 0.214 | protein_coding |
| PPIA | Ppia | Ppia-201 | 0.040 | protein_coding |
| DHX30 | Dhx30 | Dhx30-223 | 0.334 | protein_coding |
| SKA2 | Ska2 | Ska2-202 | 0.056 | protein_coding |
| DEK | Dek | Dek-201 | 0.244 | protein_coding |
| YWHAQ | Ywhaq | Ywhaq-205 | 0.157 | protein_coding |
| IMMT | Immt | Immt-210 | 0.041 | protein_coding |
| EIF5A | Eif5a | Eif5a-211 | 0.164 | protein_coding |
| CNIH1 | Cnih1 | Cnih1-202 | 0.065 | protein_coding |
| MID1IP1 | Mid1ip1 | Mid1ip1-205 | 0.039 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-204 | 0.111 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-201 | 0.090 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-202 | 0.092 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-207 | 0.093 | protein_coding |
| EIF5A | Eif5a | Eif5a-204 | 0.098 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-211 | 0.005 | protein_coding |
| ANAPC11 | Anapc11 | Anapc11-201 | 0.406 | protein_coding |
| PPP4R3B | Ppp4r3b | Ppp4r3b-204 | 0.115 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-206 | 0.084 | protein_coding |
| DIAPH1 | Diaph1 | Diaph1-208 | 0.153 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-216 | 0.069 | protein_coding |
| CLTC | Cltc | Cltc-201 | 0.118 | protein_coding |
| VDAC1 | Vdac1 | Vdac1-204 | 0.192 | protein_coding |
| STK25 | Stk25 | Stk25-206 | 0.066 | protein_coding |
| YWHAQ | Ywhaq | Ywhaq-202 | 0.157 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-234 | 0.025 | protein_coding |
| PPIG | Ppig | Ppig-208 | 0.006 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-205 | 0.094 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| CALM2 | Calm2 | Calm2-202 | 0.041 | protein_coding |
| UBA3 | Uba3 | Uba3-202 | 0.278 | protein_coding |
| MGME1 | Mgme1 | Mgme1-203 | 0.108 | protein_coding |
| AP1G1 | Ap1g1 | Ap1g1-205 | 0.121 | protein_coding |
| LDHA | Ldha | Ldha-204 | 0.371 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-208 | 0.211 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-206 | 0.008 | protein_coding |
| AURKA | Aurka | Aurka-203 | 0.118 | protein_coding |
| WDR45 | Wdr45 | Wdr45-213 | 0.077 | protein_coding |
| XPO6 | Xpo6 | Xpo6-210 | 0.113 | protein_coding |
| FDFT1 | Fdft1 | Fdft1-205 | 0.095 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-202 | 0.133 | protein_coding |
| UBE2C | Ube2c | Ube2c-202 | 0.169 | protein_coding |
| GPX4 | Gpx4 | Gpx4-207 | 0.102 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-206 | 0.042 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-206 | 0.044 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-201 | 0.204 | protein_coding |
| WEE1 | Wee1 | Wee1-201 | 0.087 | protein_coding |
| CDH1 | Cdh1 | Cdh1-201 | 0.285 | protein_coding |
| CAP1 | Cap1 | Cap1-204 | 0.073 | protein_coding |
| METAP2 | Metap2 | Metap2-214 | 0.091 | protein_coding |
| MFS14B | Mfsd14b | Mfsd14b-202 | 0.086 | protein_coding |
| WDR45 | Wdr45 | Wdr45-230 | 0.057 | protein_coding |
| DHX30 | Dhx30 | Dhx30-225 | 0.044 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-201 | 0.087 | protein_coding |
| NCAPH | Ncaph | Ncaph-206 | 0.023 | protein_coding |
| UBL5 | Ubl5 | Ubl5-202 | 0.140 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-214 | 0.080 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-204 | 0.333 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-203 | 0.066 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-205 | 0.049 | protein_coding |
| WDR45 | Wdr45 | Wdr45-233 | 0.062 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-202 | 0.091 | protein_coding |
| YWHAQ | Ywhaq | Ywhaq-204 | 0.067 | protein_coding |
| AGAP3 | Agap3 | Agap3-202 | 0.092 | protein_coding |
| EIF2AK2 | Eif2ak2 | Eif2ak2-202 | 0.043 | protein_coding |
| CDK16 | Cdk16 | Cdk16-201 | 0.102 | protein_coding |
| CIZ1 | Ciz1 | Ciz1-220 | 0.094 | protein_coding |
| MSI2 | Msi2 | Msi2-201 | 0.110 | protein_coding |
| UTP4 | Utp4 | Utp4-201 | 0.049 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-207 | 0.130 | protein_coding |
| ELP5 | Elp5 | Elp5-204 | 0.023 | protein_coding |
| CENPM | Cenpm | Cenpm-204 | 0.228 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| TMBIM6 | Tmbim6 | Tmbim6-211 | 0.116 | protein_coding |
| DHX30 | Dhx30 | Dhx30-201 | 0.169 | protein_coding |
| GPS1 | Gps1 | Gps1-204 | 0.067 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-212 | 0.050 | protein_coding |
| ELOB | Elob | Elob-204 | 0.117 | protein_coding |
| RPS20 | Rps20 | Rps20-201 | 0.282 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-204 | 0.034 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-202 | 0.228 | protein_coding |
| SIMC1 | Simc1 | Simc1-201 | 0.222 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-202 | 0.025 | protein_coding |
| CSNK2A1 | Csnk2a1 | Csnk2a1-202 | 0.086 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-202 | 0.128 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-211 | 0.155 | protein_coding |
| UBL5 | Ubl5 | Ubl5-210 | 0.050 | protein_coding |
| TFRC | Tfrc | Tfrc-203 | 0.005 | protein_coding |
| NUP88 | Nup88 | Nup88-202 | 0.129 | protein_coding |
| AP1G1 | Ap1g1 | Ap1g1-201 | 0.154 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-206 | 0.178 | protein_coding |
| STK25 | Stk25 | Stk25-205 | 0.194 | protein_coding |
| SETD3 | Setd3 | Setd3-203 | 0.039 | protein_coding |
| LYPLA1 | Lypla1 | Lypla1-205 | 0.187 | protein_coding |
| CCNA2 | Ccna2 | Ccna2-201 | 0.180 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-211 | 0.218 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-209 | 0.028 | protein_coding |
| CCT5 | Cct5 | Cct5-205 | 0.261 | protein_coding |
| DDX5 | Ddx5 | Ddx5-203 | 0.055 | protein_coding |
| DHX30 | Dhx30 | Dhx30-217 | 0.009 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-204 | 0.064 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-201 | 0.076 | protein_coding |
| PPIG | Ppig | Ppig-212 | 0.098 | protein_coding |
| UBL5 | Ubl5 | Ubl5-207 | 0.108 | protein_coding |
| AGAP3 | Agap3 | Agap3-204 | 0.100 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-204 | 0.096 | protein_coding |
| CENPX | Cenpx | Cenpx-201 | 0.304 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-207 | 0.141 | protein_coding |
| UBE2K | Ube2k | Ube2k-204 | 0.159 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-207 | 0.199 | protein_coding |
| WDR45 | Wdr45 | Wdr45-229 | 0.075 | protein_coding |
| UBE2K | Ube2k | Ube2k-211 | 0.049 | protein_coding |
| ARHGDIA | Arhgdia | Arhgdia-201 | 0.087 | protein_coding |
| CXCL16 | Cxcl16 | Cxcl16-202 | 0.062 | protein_coding |
| MRPL13 | Mrpl13 | Mrpl13-202 | 0.150 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-205 | 0.036 | protein_coding |

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|-----------|-----------|---------------|-------|----------------|
| HMGB3 | Hmgb3 | Hmgb3-202 | 0.294 | protein_coding |
| SMAP1 | Smap1 | Smap1-204 | 0.016 | protein_coding |
| WDR45 | Wdr45 | Wdr45-222 | 0.057 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-205 | 0.178 | protein_coding |
| POLR2F | Polr2f | Polr2f-205 | 0.152 | protein_coding |
| HDAC2 | Hdac2 | Hdac2-201 | 0.197 | protein_coding |
| PDCD5 | Pdcd5 | Pdcd5-203 | 0.129 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-202 | 0.057 | protein_coding |
| ELOB | Elob | Elob-201 | 0.405 | protein_coding |
| ZC3H14 | Zc3h14 | Zc3h14-204 | 0.090 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-209 | 0.015 | protein_coding |
| ACTR3 | Actr3 | Actr3-212 | 0.103 | protein_coding |
| ILRUN | Ilrun | Ilrun-207 | 0.083 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-208 | 0.109 | protein_coding |
| TRMT112 | Trmt112 | Trmt112-204 | 0.306 | protein_coding |
| SEC11A | Sec11a | Sec11a-206 | 0.211 | protein_coding |
| ACTR3 | Actr3 | Actr3-205 | 0.083 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-204 | 0.017 | protein_coding |
| YWHAZ | Ywhaz | Ywhaz-205 | 0.151 | protein_coding |
| UBA1 | Uba1 | Uba1-201 | 0.099 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-207 | 0.078 | protein_coding |
| TAX1BP1 | Tax1bp1 | Tax1bp1-203 | 0.118 | protein_coding |
| CSE1L | Cse1l | Cse1l-208 | 0.181 | protein_coding |
| RBIS | Rbis | Rbis-203 | 0.060 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-214 | 0.092 | protein_coding |
| ARIH2 | Arih2 | Arih2-207 | 0.041 | protein_coding |
| SUCLG2 | Suclg2 | Suclg2-205 | 0.062 | protein_coding |
| KLC2 | Klc2 | Klc2-202 | 0.155 | protein_coding |
| PSMA1 | Psm1 | Psm1-202 | 0.016 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-212 | 0.044 | protein_coding |
| NSRP1 | Nsrp1 | Nsrp1-202 | 0.005 | protein_coding |
| VDAC1 | Vdac1 | Vdac1-205 | 0.101 | protein_coding |
| DHX30 | Dhx30 | Dhx30-212 | 0.167 | protein_coding |
| CCT5 | Cct5 | Cct5-204 | 0.116 | protein_coding |
| GPX4 | Gpx4 | Gpx4-205 | 0.040 | protein_coding |
| BAD | Bad | Bad-205 | 0.052 | protein_coding |
| NIF3L1 | Nif3l1 | Nif3l1-207 | 0.089 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-207 | 0.277 | protein_coding |
| SMAD3 | Smad3 | Smad3-203 | 0.098 | protein_coding |
| PPIA | Ppia | Ppia-202 | 0.034 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-205 | 0.104 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-204 | 0.031 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-207 | 0.040 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| DHCR7 | Dhcr7 | Dhcr7-210 | 0.202 | protein_coding |
| EIF4E | Eif4e | Eif4e-202 | 0.127 | protein_coding |
| CSE1L | Cse1l | Cse1l-201 | 0.311 | protein_coding |
| RPSA | Rpsa | Rpsa-202 | 0.075 | protein_coding |
| AGAP3 | Agap3 | Agap3-205 | 0.190 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-204 | 0.072 | protein_coding |
| MLST8 | Mlst8 | Mlst8-203 | 0.059 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-215 | 0.069 | protein_coding |
| KLC2 | Klc2 | Klc2-209 | 0.077 | protein_coding |
| POLR2F | Polr2f | Polr2f-203 | 0.154 | protein_coding |
| UGDH | Ugdh | Ugdh-203 | 0.339 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-203 | 0.177 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-214 | 0.218 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-209 | 0.107 | protein_coding |
| CDC42EP3 | Cdc42ep3 | Cdc42ep3-201 | 0.033 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-202 | 0.207 | protein_coding |
| ECSIT | Ecsit | Ecsit-204 | 0.125 | protein_coding |
| XPO6 | Xpo6 | Xpo6-206 | 0.131 | protein_coding |
| HERPUD1 | Herpud1 | Herpud1-203 | 0.117 | protein_coding |
| NUP85 | Nup85 | Nup85-202 | 0.010 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-202 | 0.037 | protein_coding |
| ORC1 | Orc1 | Orc1-204 | 0.015 | protein_coding |
| MSH2 | Msh2 | Msh2-203 | 0.147 | protein_coding |
| LTA4H | Lta4h | Lta4h-207 | 0.090 | protein_coding |
| CHMP3 | Chmp3 | Chmp3-203 | 0.040 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-202 | 0.107 | protein_coding |
| HMMR | Hmmr | Hmmr-201 | 0.238 | protein_coding |
| MAP2K1 | Map2k1 | Map2k1-203 | 0.039 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-204 | 0.058 | protein_coding |
| ZNRD2 | Znrd2 | Znrd2-204 | 0.234 | protein_coding |
| EIF5A | Eif5a | Eif5a-208 | 0.138 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-204 | 0.138 | protein_coding |
| DDX5 | Ddx5 | Ddx5-207 | 0.019 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-209 | 0.050 | protein_coding |
| ARIH2 | Arih2 | Arih2-204 | 0.208 | protein_coding |
| RBM4 | Rbm4 | Rbm4-202 | 0.162 | protein_coding |
| TEX30 | Tex30 | Tex30-205 | 0.021 | protein_coding |
| TEX30 | Tex30 | Tex30-207 | 0.064 | protein_coding |
| TCP1 | Tcp1 | Tcp1-205 | 0.115 | protein_coding |
| EIF4G2 | Eif4g2 | Eif4g2-206 | 0.136 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-206 | 0.112 | protein_coding |
| CDKN1A | Cdkn1a | Cdkn1a-204 | 0.134 | protein_coding |
| UROD | Urod | Urod-204 | 0.150 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| HMMR | Hmmr | Hmmr-204 | 0.104 | protein_coding |
| LIMS1 | Lims1 | Lims1-205 | 0.087 | protein_coding |
| PPP2R5C | Ppp2r5c | Ppp2r5c-206 | 0.118 | protein_coding |
| UBXN6 | Ubxn6 | Ubxn6-206 | 0.174 | protein_coding |
| ATP6V0B | Atp6v0b | Atp6v0b-208 | 0.038 | protein_coding |
| UBE2K | Ube2k | Ube2k-205 | 0.185 | protein_coding |
| UBL5 | Ubl5 | Ubl5-205 | 0.061 | protein_coding |
| UBA1 | Uba1 | Uba1-204 | 0.043 | protein_coding |
| SLC38A1 | Slc38a1 | Slc38a1-205 | 0.322 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-207 | 0.110 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-206 | 0.050 | protein_coding |
| XPO6 | Xpo6 | Xpo6-212 | 0.285 | protein_coding |
| MGME1 | Mgme1 | Mgme1-202 | 0.108 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-202 | 0.176 | protein_coding |
| CSE1L | Cse1l | Cse1l-212 | 0.139 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-206 | 0.060 | protein_coding |
| ACTR3 | Actr3 | Actr3-209 | 0.078 | protein_coding |
| IMMT | Immt | Immt-207 | 0.180 | protein_coding |
| TBP | Tbp | Tbp-205 | 0.078 | protein_coding |
| SEC11A | Sec11a | Sec11a-202 | 0.154 | protein_coding |
| SIMC1 | Simc1 | Simc1-202 | 0.211 | protein_coding |
| GPR108 | Gpr108 | Gpr108-203 | 0.067 | protein_coding |
| UROD | Urod | Urod-208 | 0.064 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-208 | 0.086 | protein_coding |
| SLC30A5 | Slc30a5 | Slc30a5-203 | 0.045 | protein_coding |
| MGME1 | Mgme1 | Mgme1-201 | 0.107 | protein_coding |
| DUS2 | Dus2 | Dus2-203 | 0.258 | protein_coding |
| MSH2 | Msh2 | Msh2-202 | 0.096 | protein_coding |
| METAP2 | Metap2 | Metap2-210 | 0.195 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-207 | 0.094 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-210 | 0.154 | protein_coding |
| NCAPH | Ncaph | Ncaph-205 | 0.142 | protein_coding |
| KYAT3 | Kyat3 | Kyat3-201 | 0.094 | protein_coding |
| AGPAT3 | Agpat3 | Agpat3-208 | 0.196 | protein_coding |
| PSMA7 | Psm7 | Psm7-204 | 0.112 | protein_coding |
| MAX | Max | Max-203 | 0.033 | protein_coding |
| COPS3 | Cops3 | Cops3-206 | 0.098 | protein_coding |
| EIF5A | Eif5a | Eif5a-209 | 0.098 | protein_coding |
| RUNX1 | Runx1 | Runx1-202 | 0.207 | protein_coding |
| COPS3 | Cops3 | Cops3-201 | 0.063 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-201 | 0.161 | protein_coding |
| XPNPEP1 | Xpnpep1 | Xpnpep1-217 | 0.229 | protein_coding |
| WDR45 | Wdr45 | Wdr45-210 | 0.071 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| S100A16 | S100a16 | S100a16-208 | 0.086 | protein_coding |
| RAB11A | Rab11a | Rab11a-206 | 0.033 | protein_coding |
| RELA | Rela | Rela-203 | 0.123 | protein_coding |
| PITRM1 | Pitrm1 | Pitrm1-201 | 0.202 | protein_coding |
| CTDNEP1 | Ctdnep1 | Ctdnep1-204 | 0.036 | protein_coding |
| TBP | Tbp | Tbp-210 | 0.067 | protein_coding |
| ZNRD2 | Znrd2 | Znrd2-203 | 0.361 | protein_coding |
| LAS1L | Las1l | Las1l-201 | 0.127 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-209 | 0.022 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-206 | 0.134 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-202 | 0.119 | protein_coding |
| UROD | Urod | Urod-205 | 0.086 | protein_coding |
| MAP11 | Map11 | Map11-206 | 0.237 | protein_coding |
| RPSA | Rpsa | Rpsa-204 | 0.066 | protein_coding |
| UBA3 | Uba3 | Uba3-203 | 0.275 | protein_coding |
| UTP4 | Utp4 | Utp4-202 | 0.029 | protein_coding |
| RAD23B | Rad23b | Rad23b-202 | 0.388 | protein_coding |
| LDHA | Ldha | Ldha-213 | 0.128 | protein_coding |
| PSMD1 | Psm1 | Psm1-205 | 0.386 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-207 | 0.075 | protein_coding |
| ANAPC11 | Anapc11 | Anapc11-202 | 0.260 | protein_coding |
| MID1IP1 | Mid1ip1 | Mid1ip1-202 | 0.035 | protein_coding |
| PRKD2 | Prkd2 | Prkd2-205 | 0.036 | protein_coding |
| S100A2 | S100a2 | S100a2-202 | 0.069 | protein_coding |
| NUP85 | Nup85 | Nup85-208 | 0.244 | protein_coding |
| VTA1 | Vta1 | Vta1-205 | 0.019 | protein_coding |
| RACK1 | Rack1 | Rack1-203 | 0.105 | protein_coding |
| KLC2 | Klc2 | Klc2-206 | 0.175 | protein_coding |
| GPS1 | Gps1 | Gps1-206 | 0.123 | protein_coding |
| SUCLG2 | Suclg2 | Suclg2-202 | 0.116 | protein_coding |
| HSPA8 | Hspa8 | Hspa8-208 | 0.140 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-213 | 0.073 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-215 | 0.092 | protein_coding |
| ORC4 | Orc4 | Orc4-205 | 0.038 | protein_coding |
| HYAL3 | Hyal3 | Hyal3-202 | 0.061 | protein_coding |
| NUP85 | Nup85 | Nup85-205 | 0.037 | protein_coding |
| DPF2 | Dpf2 | Dpf2-206 | 0.180 | protein_coding |
| TMEM107 | Tmem107 | Tmem107-207 | 0.022 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-201 | 0.159 | protein_coding |
| DHX30 | Dhx30 | Dhx30-202 | 0.169 | protein_coding |
| WDR45 | Wdr45 | Wdr45-219 | 0.062 | protein_coding |
| CALM2 | Calm2 | Calm2-203 | 0.019 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-204 | 0.067 | protein_coding |

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|---------|---------|-------------|-------|----------------|
| LUC7L | Luc7l | Luc7l-207 | 0.052 | protein_coding |
| MORF4L2 | Morf4l2 | Morf4l2-210 | 0.024 | protein_coding |
| HSPH1 | Hsph1 | Hsph1-206 | 0.019 | protein_coding |
| RAB11A | Rab11a | Rab11a-209 | 0.018 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-213 | 0.072 | protein_coding |
| LDHA | Ldha | Ldha-201 | 0.111 | protein_coding |
| NPLOC4 | Nploc4 | Nploc4-202 | 0.303 | protein_coding |
| ILRUN | Ilrun | Ilrun-206 | 0.080 | protein_coding |
| XPO6 | Xpo6 | Xpo6-201 | 0.277 | protein_coding |
| CCNB1 | Ccnb1 | Ccnb1-206 | 0.073 | protein_coding |
| RABL6 | Rabl6 | Rabl6-207 | 0.118 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-206 | 0.059 | protein_coding |
| S100A16 | S100a16 | S100a16-203 | 0.015 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-202 | 0.281 | protein_coding |
| TBC1D9B | Tbc1d9b | Tbc1d9b-203 | 0.091 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-209 | 0.215 | protein_coding |
| B4GALT3 | B4galt3 | B4galt3-202 | 0.149 | protein_coding |
| UBA2 | Uba2 | Uba2-202 | 0.091 | protein_coding |
| CXCL16 | Cxcl16 | Cxcl16-201 | 0.072 | protein_coding |
| TBP | Tbp | Tbp-204 | 0.069 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-219 | 0.059 | protein_coding |
| AKT1S1 | Akt1s1 | Akt1s1-204 | 0.158 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-205 | 0.068 | protein_coding |
| NUP88 | Nup88 | Nup88-212 | 0.127 | protein_coding |
| ANP32A | Anp32a | Anp32a-202 | 0.169 | protein_coding |
| VPS45 | Vps45 | Vps45-201 | 0.105 | protein_coding |
| KRT8 | Krt8 | Krt8-201 | 0.174 | protein_coding |
| GNAS | Gnas | Gnas-221 | 0.041 | protein_coding |
| GPR108 | Gpr108 | Gpr108-204 | 0.299 | protein_coding |
| MCMBP | Mcmbp | Mcmbp-204 | 0.030 | protein_coding |
| LIMS1 | Lims1 | Lims1-206 | 0.189 | protein_coding |
| GPX4 | Gpx4 | Gpx4-204 | 0.101 | protein_coding |
| EIF3L | Eif3l | Eif3l-204 | 0.141 | protein_coding |
| UBA3 | Uba3 | Uba3-205 | 0.049 | protein_coding |
| XPR1 | Xpr1 | Xpr1-206 | 0.116 | protein_coding |
| UBE2K | Ube2k | Ube2k-208 | 0.123 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-210 | 0.053 | protein_coding |
| EIF4E | Eif4e | Eif4e-204 | 0.039 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-201 | 0.108 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-203 | 0.013 | protein_coding |
| ZDHHC16 | Zdhhc16 | Zdhhc16-206 | 0.039 | protein_coding |
| HSPB1 | Hspb1 | Hspb1-201 | 0.040 | protein_coding |
| METAP2 | Metap2 | Metap2-205 | 0.023 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| METAP2 | Metap2 | Metap2-207 | 0.114 | protein_coding |
| SETD3 | Setd3 | Setd3-204 | 0.053 | protein_coding |
| CDC25A | Cdc25a | Cdc25a-203 | 0.016 | protein_coding |
| TKT | Tkt | Tkt-204 | 0.013 | protein_coding |
| LUC7L | Luc7l | Luc7l-209 | 0.175 | protein_coding |
| RPL8 | Rpl8 | Rpl8-201 | 0.074 | protein_coding |
| RUNX1 | Runx1 | Runx1-206 | 0.206 | protein_coding |
| TCP1 | Tcp1 | Tcp1-204 | 0.096 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-204 | 0.125 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-202 | 0.052 | protein_coding |
| PPIG | Ppig | Ppig-206 | 0.002 | protein_coding |
| ADGRE5 | Adgre5 | Adgre5-202 | 0.098 | protein_coding |
| HSPB1 | Hspb1 | Hspb1-202 | 0.040 | protein_coding |
| DDX5 | Ddx5 | Ddx5-201 | 0.080 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-203 | 0.164 | protein_coding |
| ACTR3 | Actr3 | Actr3-206 | 0.077 | protein_coding |
| SYVN1 | Syvn1 | Syvn1-203 | 0.091 | protein_coding |
| TKT | Tkt | Tkt-208 | 0.063 | protein_coding |
| RBM4 | Rbm4 | Rbm4-203 | 0.079 | protein_coding |
| PSMD1 | Psmd1 | Psmd1-203 | 0.369 | protein_coding |
| TCP1 | Tcp1 | Tcp1-203 | 0.323 | protein_coding |
| TROAP | Troap | Troap-206 | 0.059 | protein_coding |
| PSIP1 | Psip1 | Psip1-202 | 0.060 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-204 | 0.115 | protein_coding |
| CYFIP1 | Cyfp1 | Cyfp1-203 | 0.122 | protein_coding |
| ALDH18A1 | Aldh18a1 | Aldh18a1-204 | 0.030 | protein_coding |
| NUP88 | Nup88 | Nup88-201 | 0.129 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-208 | 0.041 | protein_coding |
| LAS1L | Las1l | Las1l-202 | 0.127 | protein_coding |
| CENPM | Cenpm | Cenpm-201 | 0.198 | protein_coding |
| GNAS | Gnas | Gnas-225 | 0.191 | protein_coding |
| ARIH2 | Arih2 | Arih2-210 | 0.191 | protein_coding |
| CSNK1A1 | Csnk1a1 | Csnk1a1-207 | 0.067 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-210 | 0.077 | protein_coding |
| EZR | Ezr | Ezr-201 | 0.202 | protein_coding |
| DPF2 | Dpf2 | Dpf2-205 | 0.106 | protein_coding |
| RPS7 | Rps7 | Rps7-201 | 0.068 | protein_coding |
| DCAKD | Dcakd | Dcakd-201 | 0.394 | protein_coding |
| BRD3OS | Brd3os | Brd3os-201 | 0.056 | protein_coding |
| USP1 | Usp1 | Usp1-202 | 0.119 | protein_coding |
| DUS2 | Dus2 | Dus2-202 | 0.075 | protein_coding |
| U2AF1 | U2af1 | U2af1-202 | 0.094 | protein_coding |
| KLC2 | Klc2 | Klc2-203 | 0.155 | protein_coding |

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|----------|----------|--------------|-------|----------------|
| PSMA7 | Psma7 | Psma7-203 | 0.121 | protein_coding |
| NIPSNAP2 | Nipsnap2 | Nipsnap2-202 | 0.049 | protein_coding |
| SNRPG | Snrpg | Snrpg-201 | 0.254 | protein_coding |
| LUC7L | Luc7l | Luc7l-203 | 0.173 | protein_coding |
| SIMC1 | Simc1 | Simc1-203 | 0.080 | protein_coding |
| WDR45 | Wdr45 | Wdr45-234 | 0.069 | protein_coding |
| GNAS | Gnas | Gnas-211 | 0.349 | protein_coding |
| NAP1L1 | Nap1l1 | Nap1l1-205 | 0.093 | protein_coding |
| PLAAT3 | Plaat3 | Plaat3-203 | 0.054 | protein_coding |
| BAD | Bad | Bad-206 | 0.309 | protein_coding |
| DCAKD | Dcakd | Dcakd-204 | 0.060 | protein_coding |
| WDR45 | Wdr45 | Wdr45-207 | 0.028 | protein_coding |
| GPS1 | Gps1 | Gps1-203 | 0.319 | protein_coding |
| IMMT | Immt | Immt-209 | 0.136 | protein_coding |
| BAD | Bad | Bad-203 | 0.110 | protein_coding |
| DHCR7 | Dhcr7 | Dhcr7-204 | 0.206 | protein_coding |
| NUP88 | Nup88 | Nup88-207 | 0.347 | protein_coding |
| UBE2D3 | Ube2d3 | Ube2d3-206 | 0.080 | protein_coding |
| ANP32A | Anp32a | Anp32a-201 | 0.181 | protein_coding |
| BCL2L1 | Bcl2l1 | Bcl2l1-204 | 0.041 | protein_coding |
| TMEM126A | Tmem126a | Tmem126a-202 | 0.168 | protein_coding |
| S100A16 | S100a16 | S100a16-201 | 0.203 | protein_coding |
| LIMS1 | Lims1 | Lims1-204 | 0.005 | protein_coding |
| CYFIP1 | Cyfip1 | Cyfip1-206 | 0.037 | protein_coding |
| NDUFA3 | Ndufa3 | Ndufa3-204 | 0.097 | protein_coding |
| PPIA | Ppia | Ppia-205 | 0.126 | protein_coding |
| MCMBP | Mcmbp | Mcmbp-201 | 0.107 | protein_coding |
| NPRL3 | Nprl3 | Nprl3-214 | 0.269 | protein_coding |
| NSD2 | Nsd2 | Nsd2-213 | 0.028 | protein_coding |
| RPS15 | Rps15 | Rps15-202 | 0.055 | protein_coding |
| EIF4E | Eif4e | Eif4e-206 | 0.049 | protein_coding |
| MSH2 | Msh2 | Msh2-201 | 0.241 | protein_coding |
| MGAT4A | Mgat4a | Mgat4a-205 | 0.210 | protein_coding |
| AKR1A1 | Akr1a1 | Akr1a1-202 | 0.050 | protein_coding |
| TSPAN14 | Tspan14 | Tspan14-203 | 0.097 | protein_coding |
| NDUFS8 | Ndufs8 | Ndufs8-202 | 0.060 | protein_coding |
| TMEM126A | Tmem126a | Tmem126a-203 | 0.134 | protein_coding |
| TCP1 | Tcp1 | Tcp1-201 | 0.305 | protein_coding |
| NR2F2 | Nr2f2 | Nr2f2-203 | 0.081 | protein_coding |
| MLST8 | Mlst8 | Mlst8-208 | 0.065 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-221 | 0.046 | protein_coding |
| HNRNPC | Hnrnpc | Hnrnpc-206 | 0.218 | protein_coding |
| DHX30 | Dhx30 | Dhx30-224 | 0.166 | protein_coding |

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| POLR2H | Polr2h | Polr2h-202 | 0.106 | protein_coding |
| DHX30 | Dhx30 | Dhx30-222 | 0.138 | protein_coding |
| SMAD3 | Smad3 | Smad3-202 | 0.123 | protein_coding |
| TMEM126A | Tmem126a | Tmem126a-204 | 0.121 | protein_coding |
| MAX | Max | Max-204 | 0.015 | protein_coding |
| GNAS | Gnas | Gnas-226 | 0.060 | protein_coding |
| LUC7L2 | Luc7l2 | Luc7l2-202 | 0.097 | protein_coding |
| SCOC | Scoc | Scoc-202 | 0.110 | protein_coding |
| MRPL15 | Mrpl15 | Mrpl15-201 | 0.032 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-219 | 0.042 | protein_coding |
| COPS7A | Cops7a | Cops7a-205 | 0.014 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-211 | 0.050 | protein_coding |
| DCXR | Dcxr | Dcxr-204 | 0.073 | protein_coding |
| DCXR | Dcxr | Dcxr-202 | 0.053 | protein_coding |
| MEA1 | Mea1 | Mea1-203 | 0.098 | protein_coding |
| IMMT | Immt | Immt-202 | 0.223 | protein_coding |
| LRRC42 | Lrrc42 | Lrrc42-201 | 0.196 | protein_coding |
| METAP2 | Metap2 | Metap2-204 | 0.166 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-201 | 0.132 | protein_coding |
| ETFA | Etfa | Etfa-204 | 0.094 | protein_coding |
| SCOC | Scoc | Scoc-208 | 0.100 | protein_coding |
| EZR | Ezr | Ezr-202 | 0.082 | protein_coding |
| RPL30 | Rpl30 | Rpl30-204 | 0.037 | protein_coding |
| UBA2 | Uba2 | Uba2-204 | 0.083 | protein_coding |
| MID1IP1 | Mid1ip1 | Mid1ip1-204 | 0.035 | protein_coding |
| SMARCD2 | Smarcd2 | Smarcd2-205 | 0.137 | protein_coding |
| TNFRSF12A | Tnfrsf12a | Tnfrsf12a-201 | 0.062 | protein_coding |
| PRSS23 | Prss23 | Prss23-202 | 0.245 | protein_coding |
| BAD | Bad | Bad-202 | 0.250 | protein_coding |
| KLC2 | Klc2 | Klc2-205 | 0.051 | protein_coding |
| RRAS2 | Rras2 | Rras2-202 | 0.103 | protein_coding |
| TBP | Tbp | Tbp-209 | 0.037 | protein_coding |
| DPAGT1 | Dpagt1 | Dpagt1-203 | 0.205 | protein_coding |
| COPS3 | Cops3 | Cops3-208 | 0.100 | protein_coding |
| WDR45 | Wdr45 | Wdr45-236 | 0.061 | protein_coding |
| DNAJA3 | Dnaja3 | Dnaja3-204 | 0.092 | protein_coding |
| MFSD14B | Mfsd14b | Mfsd14b-204 | 0.051 | protein_coding |
| RPL15 | Rpl15 | Rpl15-202 | 0.173 | protein_coding |
| MRPL13 | Mrpl13 | Mrpl13-205 | 0.148 | protein_coding |
| GUCD1 | Gucd1 | Gucd1-208 | 0.244 | protein_coding |
| TCEA1 | Tcea1 | Tcea1-201 | 0.081 | protein_coding |
| EIF5A | Eif5a | Eif5a-206 | 0.098 | protein_coding |
| RPS27L | Rps27l | Rps27l-204 | 0.050 | protein_coding |

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| UROD | Urod | Urod-209 | 0.414 | protein_coding |
| WDR45 | Wdr45 | Wdr45-212 | 0.055 | protein_coding |
| DNAJC7 | Dnajc7 | Dnajc7-209 | 0.335 | protein_coding |
| SRSF5 | Srsf5 | Srsf5-210 | 0.063 | protein_coding |
| TXNRD1 | Txnrd1 | Txnrd1-207 | 0.081 | protein_coding |
| SIMC1 | Simc1 | Simc1-207 | 0.051 | protein_coding |
| CSNK1E | Csnk1e | Csnk1e-204 | 0.092 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-207 | 0.054 | protein_coding |
| RABL6 | Rabl6 | Rabl6-205 | 0.081 | protein_coding |
| RBIS | Rbis | Rbis-204 | 0.084 | protein_coding |
| ORC4 | Orc4 | Orc4-208 | 0.010 | protein_coding |
| RABL6 | Rabl6 | Rabl6-204 | 0.085 | protein_coding |
| WDR45 | Wdr45 | Wdr45-216 | 0.077 | protein_coding |
| UBL5 | Ubl5 | Ubl5-209 | 0.125 | protein_coding |
| UROD | Urod | Urod-203 | 0.092 | protein_coding |
| MLLT3 | Mllt3 | Mllt3-205 | 0.089 | protein_coding |
| LDHA | Ldha | Ldha-215 | 0.114 | protein_coding |
| PSMA1 | Psm1 | Psm1-205 | 0.114 | protein_coding |
| CPSF6 | Cpsf6 | Cpsf6-206 | 0.056 | protein_coding |
| ORC4 | Orc4 | Orc4-206 | 0.057 | protein_coding |
| IMMT | Immt | Immt-203 | 0.235 | protein_coding |
| SETD3 | Setd3 | Setd3-206 | 0.063 | protein_coding |
| UBAP2L | Ubap2l | Ubap2l-209 | 0.034 | protein_coding |
| HYAL3 | Hyal3 | Hyal3-201 | 0.080 | protein_coding |
| MRPS24 | Mrps24 | Mrps24-204 | 0.059 | protein_coding |
| BRD3OS | Brd3os | Brd3os-202 | 0.349 | protein_coding |
| DPF2 | Dpf2 | Dpf2-201 | 0.109 | protein_coding |
| SCOC | Scoc | Scoc-201 | 0.121 | protein_coding |
| METAP2 | Metap2 | Metap2-202 | 0.167 | protein_coding |
| ELP5 | Elp5 | Elp5-203 | 0.079 | protein_coding |
| DHX30 | Dhx30 | Dhx30-207 | 0.048 | protein_coding |
| DHX30 | Dhx30 | Dhx30-204 | 0.168 | protein_coding |
| CENPX | Cenpx | Cenpx-205 | 0.212 | protein_coding |
| TMBIM6 | Tmbim6 | Tmbim6-202 | 0.063 | protein_coding |
| RUNX1 | Runx1 | Runx1-207 | 0.121 | protein_coding |
| UBA2 | Uba2 | Uba2-203 | 0.052 | protein_coding |
| ARIH2 | Arih2 | Arih2-212 | 0.081 | protein_coding |
| SCOC | Scoc | Scoc-207 | 0.072 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-205 | 0.055 | protein_coding |
| RPL23A | Rpl23a | Rpl23a-203 | 0.026 | protein_coding |
| SLC1A5 | Slc1a5 | Slc1a5-207 | 0.022 | protein_coding |
| TRMT112 | Trmt112 | Trmt112-203 | 0.428 | protein_coding |
| TKT | Tkt | Tkt-202 | 0.128 | protein_coding |

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| ELP5 | Elp5 | Elp5-207 | 0.044 | protein_coding |
| ANXA2 | Anxa2 | Anxa2-202 | 0.083 | protein_coding |
| PDLIM2 | Pdlim2 | Pdlim2-204 | 0.055 | protein_coding |
| HNRNPK | Hnrnpk | Hnrnpk-221 | 0.052 | protein_coding |
| EIF5A | Eif5a | Eif5a-205 | 0.099 | protein_coding |
| NUP85 | Nup85 | Nup85-203 | 0.011 | protein_coding |
| ATP5MC2 | Atp5g2 | Atp5g2-202 | 0.284 | protein_coding |
| ATP5MC2 | Atp5g2 | Atp5g2-204 | 0.160 | protein_coding |
| ATP5MC2 | Atp5g2 | Atp5g2-203 | 0.048 | protein_coding |
| ATP5MC2 | Atp5g2 | Atp5g2-201 | 0.144 | protein_coding |
| ATP5PF | Atp5j | Atp5j-204 | 0.079 | protein_coding |
| ATP5PF | Atp5j | Atp5j-210 | 0.047 | protein_coding |
| ATP5PF | Atp5j | Atp5j-205 | 0.015 | protein_coding |
| ATP5PF | Atp5j | Atp5j-202 | 0.068 | protein_coding |
| ATP5PF | Atp5j | Atp5j-209 | 0.108 | protein_coding |
| ATP5PF | Atp5j | Atp5j-203 | 0.064 | protein_coding |
| ATP5PF | Atp5j | Atp5j-208 | 0.030 | protein_coding |
| ATP5PF | Atp5j | Atp5j-211 | 0.085 | protein_coding |
| ATP5PF | Atp5j | Atp5j-206 | 0.033 | protein_coding |
| ATP5PF | Atp5j | Atp5j-207 | 0.050 | protein_coding |
| ATP5PF | Atp5j | Atp5j-201 | 0.030 | protein_coding |
| C11orf68 | AI837181 | AI837181-201 | 0.040 | protein_coding |
| C11orf68 | AI837181 | AI837181-202 | 0.069 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-201 | 0.029 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-202 | 0.037 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-203 | 0.041 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-204 | 0.216 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-205 | 0.036 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-206 | 0.037 | protein_coding |
| C1orf52 | 2410004B18Rik1 | 10004B18Rik-207 | 0.036 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-201 | 0.195 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-202 | 0.190 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-203 | 0.085 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-204 | 0.079 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-205 | 0.195 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-206 | 0.018 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-207 | 0.193 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-208 | 0.085 | protein_coding |
| C6orf136 | 2310061I04Rik3 | 10061I04Rik-209 | 0.193 | protein_coding |
| KIAA1522 | C77080 | C77080-204 | 0.104 | protein_coding |
| KIAA1522 | C77080 | C77080-202 | 0.169 | protein_coding |
| KIAA1522 | C77080 | C77080-203 | 0.169 | protein_coding |
| KIAA1522 | C77080 | C77080-201 | 0.169 | protein_coding |

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| KIAA1522 | C77080 | C77080-205 | 0.111 | protein_coding |
| MARS1 | Mars | Mars-205 | 0.152 | protein_coding |
| MARS1 | Mars | Mars-202 | 0.033 | protein_coding |
| MARS1 | Mars | Mars-203 | 0.033 | protein_coding |
| MARS1 | Mars | Mars-201 | 0.152 | protein_coding |
| MARS1 | Mars | Mars-204 | 0.023 | protein_coding |
| MARS1 | Mars | Mars-206 | 0.152 | protein_coding |
| MED11 | Med11 | Med11-201 | 0.128 | protein_coding |
| MED11 | Med11 | Med11-203 | 0.129 | protein_coding |
| MED11 | Med11 | Med11-202 | 0.126 | protein_coding |
| NDUFB1 | Ndufb1-ps | Ndufb1-ps-202 | 0.038 | protein_coding |
| NDUFB1 | Ndufb1-ps | Ndufb1-ps-201 | 0.036 | protein_coding |
| NDUFB1 | Ndufb1-ps | Ndufb1-ps-203 | 0.048 | protein_coding |
| NDUFB1 | Ndufb1-ps | Ndufb1-ps-204 | 0.048 | protein_coding |
| QARS1 | Qars | Qars-234 | 0.034 | protein_coding |
| QARS1 | Qars | Qars-229 | 0.072 | protein_coding |
| QARS1 | Qars | Qars-205 | 0.033 | protein_coding |
| QARS1 | Qars | Qars-208 | 0.069 | protein_coding |
| QARS1 | Qars | Qars-213 | 0.020 | protein_coding |
| QARS1 | Qars | Qars-206 | 0.071 | protein_coding |
| QARS1 | Qars | Qars-203 | 0.170 | protein_coding |
| QARS1 | Qars | Qars-225 | 0.174 | protein_coding |
| QARS1 | Qars | Qars-230 | 0.019 | protein_coding |
| QARS1 | Qars | Qars-218 | 0.168 | protein_coding |
| QARS1 | Qars | Qars-216 | 0.050 | protein_coding |
| QARS1 | Qars | Qars-204 | 0.050 | protein_coding |
| QARS1 | Qars | Qars-214 | 0.017 | protein_coding |
| QARS1 | Qars | Qars-221 | 0.037 | protein_coding |
| QARS1 | Qars | Qars-220 | 0.176 | protein_coding |
| QARS1 | Qars | Qars-211 | 0.061 | protein_coding |
| QARS1 | Qars | Qars-231 | 0.069 | protein_coding |
| QARS1 | Qars | Qars-219 | 0.019 | protein_coding |
| QARS1 | Qars | Qars-226 | 0.174 | protein_coding |
| QARS1 | Qars | Qars-210 | 0.170 | protein_coding |
| QARS1 | Qars | Qars-233 | 0.176 | protein_coding |
| QARS1 | Qars | Qars-215 | 0.021 | protein_coding |
| QARS1 | Qars | Qars-222 | 0.050 | protein_coding |
| QARS1 | Qars | Qars-207 | 0.169 | protein_coding |
| QARS1 | Qars | Qars-209 | 0.015 | protein_coding |
| QARS1 | Qars | Qars-228 | 0.163 | protein_coding |
| QARS1 | Qars | Qars-224 | 0.134 | protein_coding |
| QARS1 | Qars | Qars-212 | 0.173 | protein_coding |
| QARS1 | Qars | Qars-202 | 0.025 | protein_coding |

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| QARS1 | Qars | Qars-201 | 0.169 | protein_coding |
| QARS1 | Qars | Qars-223 | 0.175 | protein_coding |
| QARS1 | Qars | Qars-217 | 0.049 | protein_coding |
| QARS1 | Qars | Qars-227 | 0.021 | protein_coding |
| QARS1 | Qars | Qars-232 | 0.033 | protein_coding |
| SUPT4H1 | Supt4a | Supt4a-202 | 0.030 | protein_coding |
| SUPT4H1 | Supt4a | Supt4a-201 | 0.030 | protein_coding |
| SUPT4H1 | Supt4a | Supt4a-203 | 0.039 | protein_coding |
| TMEM250 | Tmem250-ps | tmem250-ps-20 | 0.027 | protein_coding |
| ZNF24 | Zfp24 | Zfp24-201 | 0.239 | protein_coding |
| ZNF24 | Zfp24 | Zfp24-203 | 0.105 | protein_coding |
| ZNF24 | Zfp24 | Zfp24-202 | 0.046 | protein_coding |
| ZNF3 | Zfp113 | Zfp113-203 | 0.037 | protein_coding |
| ZNF3 | Zfp113 | Zfp113-204 | 0.087 | protein_coding |
| ZNF3 | Zfp113 | Zfp113-202 | 0.010 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-205 | 0.069 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-202 | 0.059 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-203 | 0.117 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-206 | 0.257 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-204 | 0.105 | protein_coding |
| ZNF688 | Zfp688 | Zfp688-201 | 0.077 | protein_coding |