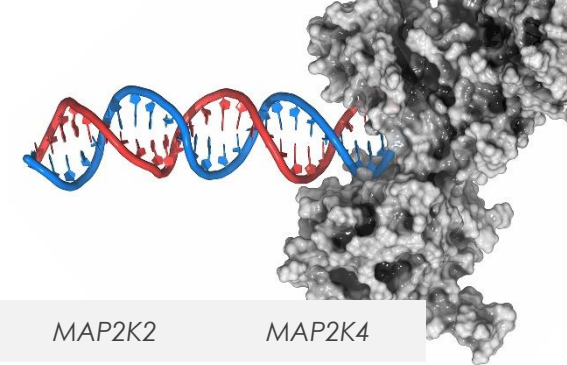


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|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| ABL1 | ABL2 | ACVR1 | ACVR1B | AGO2 | AKT1 | AKT2 | AKT3 | ALK | ALOX12B |
| AMER1 | ANKRD11 | APC | AR | ARAF | ARFRP1 | ARID1A | ARID1B | ARID2 | ARID5B |
| ASXL1 | ASXL2 | ATM | ATR | ATRX | AURKA | AURKB | AXIN1 | AXIN2 | AXL |
| B2M | BABAM1 | BAP1 | BARD1 | BBC3 | BCL10 | BCL2 | BCL2L1 | BCL2L11 | BCL2L2 |
| BCL6 | BCOR | BCORL1 | BIRC3 | BLM | BMPR1A | BRAF | BRCA1 | BRCA2 | BRD4 |
| BRIP1 | BTG1 | BTK | CALR | CARD11 | CARM1 | CASP8 | CBFB | CBL | CCND1 |
| CCND2 | CCND3 | CCNE1 | CD274 | CD276 | CD79A | CD79B | CDC42 | CDC73 | CDH1 |
| CDK12 | CDK4 | CDK6 | CDK8 | CDKN1A | CDKN1B | CDKN2A | CDKN2B | CDKN2C | CEBPA |
| CENPA | CHD2 | CHD4 | CHEK1 | CHEK2 | CIC | CREBBP | CRKL | CSDE1 | CSF1R |
| CSF3R | CTCF | CTLA4 | CTNNA1 | CTNNB1 | CUL3 | CXCR4 | CYLD | CYSLTR2 | DAXX |
| DCUN1D1 | DDR2 | DICER1 | DIS3 | DNAJB1 | DNMT1 | DNMT3A | DNMT3B | DOT1L | DROSHA |
| DUSP4 | E2F3 | EED | EGFL7 | EGFR | EIF1AX | EIF4A2 | EIF4E | ELF3 | EP300 |
| EPAS1 | EPCAM | EPHA3 | EPHA5 | EPHA7 | EPHB1 | ERBB2 | ERBB3 | ERBB4 | ERCC2 |
| ERCC3 | ERCC4 | ERCC5 | ERF | ERG | ERRF1 | ESR1 | ETV1 | ETV6 | EZH1 |
| EZH2 | FAM175A | FAM46C | FAM58A | FANCA | FANCC | FANCD2 | FANCE | FANCF | FANCG |
| FANCL | FAS | FAT1 | FBXW7 | FGF10 | FGF14 | FGF19 | FGF23 | FGF3 | FGF4 |
| FGF6 | FGFR1 | FGFR2 | FGFR3 | FGFR4 | FH | FLCN | FLT1 | FLT3 | FLT4 |
| FOXA1 | FOXL2 | FOXO1 | FOXP1 | FRS2 | FUBP1 | FYN | GABRA6 | GATA1 | GATA2 |
| GATA3 | GATA4 | GATA6 | GID4 | GLI1 | GNA11 | GNA13 | GNAQ | GNAS | GPS2 |
| GREM1 | GRIN2A | GRM3 | GSK3B | H3F3A | H3F3B | H3F3C | HGF | HIST1H1C | HIST1H2BD |
| HIST1H3A | HIST1H3B | HIST1H3C | HIST1H3D | HIST1H3E | HIST1H3F | HIST1H3G | HIST1H3H | HIST1H3I | HIST1H3J |
| HIST2H3D | HIST3H3 | HNF1A | HOXB13 | HRAS | HSD3B1 | HSP90AA1 | ICOSLG | ID3 | IDH1 |
| IDH2 | IFNGR1 | IGF1 | IGF1R | IGF2 | IKBKE | IKZF1 | IL10 | IL7R | INHA |
| INHBA | INPP4A | INPP4B | INPPL1 | INSR | IRF2 | IRF4 | IRS1 | IRS2 | JAK1 |
| JAK2 | JAK3 | JUN | KAT6A | KDM5A | KDM5C | KDM6A | KDR | KEAP1 | KEL |
| KIT | KLF4 | KLHL6 | KMT2A | KMT2B | KMT2C | KMT2D | KNSTRN | KRAS | LATS1 |



| | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|----------|--------|--------|---------|
| LATS2 | LMO1 | LRP1B | LYN | LZTR1 | MAGI2 | MALT1 | MAP2K1 | MAP2K2 | MAP2K4 |
| MAP3K1 | MAP3K13 | MAP3K14 | MAPK1 | MAPK3 | MAPKAP1 | MAX | MCL1 | MDC1 | MDM2 |
| MDM4 | MED12 | MEF2B | MEN1 | MET | MGA | MITF | MLH1 | MPL | MRE11A |
| MSH2 | MSH3 | MSH6 | MSI1 | MSI2 | MST1 | MST1R | MTOR | MUTYH | MYC |
| MYCL | MYCN | MYD88 | MYOD1 | NBN | NCOA3 | NCOR1 | NEGR1 | NF1 | NF2 |
| NFE2L2 | NFKBIA | NKX2-1 | NKX3-1 | NOTCH1 | NOTCH2 | NOTCH3 | NOTCH4 | NPM1 | NRAS |
| NSD1 | NTHL1 | NTRK1 | NTRK2 | NTRK3 | NUF2 | NUP93 | PAK1 | PAK3 | PAK7 |
| PALB2 | PARK2 | PARP1 | PAX5 | PBRM1 | PDCD1 | PDCD1LG2 | PDGFRA | PDGFRB | PDK1 |
| PDPK1 | PGR | PHOX2B | PIK3C2B | PIK3C2G | PIK3C3 | PIK3CA | PIK3CB | PIK3CD | PIK3CG |
| PIK3R1 | PIK3R2 | PIK3R3 | PIM1 | PLCG2 | PLK2 | PMAIP1 | PMS1 | PMS2 | PNRC1 |
| POLD1 | POLE | PPARG | PPM1D | PPP2R1A | PPP4R2 | PPP6C | PRDM1 | PRDM14 | PREX2 |
| PRKAR1A | PRKCI | PRKD1 | PRKDC | PRSS8 | PTCH1 | PTEN | PTP4A1 | PTPN11 | PTPRD |
| PTPRS | PTPRT | QKI | RAB35 | RAC1 | RAC2 | RAD21 | RAD50 | RAD51 | RAD51B |
| RAD51C | RAD51D | RAD52 | RAD54L | RAF1 | RANBP2 | RARA | RASA1 | RB1 | RBM10 |
| RECQL | RECQL4 | REL | RET | RFWD2 | RHEB | RHOA | RICTOR | RIT1 | RNF43 |
| ROS1 | RPS6KA4 | RPS6KB2 | RPTOR | RRAGC | RRAS | RRAS2 | RTEL1 | RUNX1 | RUNX1T1 |
| RXRA | RYBP | SDHA | SDHAF2 | SDHB | SDHC | SDHD | SESN1 | SESN2 | SESN3 |
| SETD2 | SF3B1 | SH2B3 | SH2D1A | SHOC2 | SHQ1 | SLIT2 | SLX4 | SMAD2 | SMAD3 |
| SMAD4 | SMARCA4 | SMARCB1 | SMARCD1 | SMO | SMYD3 | SNCAIP | SOCS1 | SOS1 | SOX10 |
| SOX17 | SOX2 | SOX9 | SPEN | SPOP | SPRED1 | SPTA1 | SRC | SRSF2 | STAG2 |
| STAT3 | STAT4 | STAT5A | STAT5B | STK11 | STK19 | STK40 | SUFU | SUZ12 | SYK |
| TAF1 | TAP1 | TAP2 | TBX3 | TCEB1 | TCF3 | TCF7L2 | TEK | TERT | TET1 |
| TET2 | TGFBR1 | TGFBR2 | TMEM127 | TMPRSS2 | TNFAIP3 | TNFRSF14 | TOP1 | TOP2A | TP53 |
| TP53BP1 | TP63 | TRAF2 | TRAF7 | TSC1 | TSC2 | TSHR | U2AF1 | UPF1 | VEGFA |
| VHL | VTCN1 | WHSC1 | WHSC1L1 | WISP3 | WT1 | WWTR1 | XIAP | XPO1 | XRCC2 |
| YAP1 | YES1 | ZBTB2 | ZFHX3 | ZNF217 | ZNF703 | | | | |