# PAINEL DE GENE DNA/RNA

O painel de genes OncoDEEP contém um total de 638 genes de DNA e 20 genes de RNA que foram cuidadosamente selecionados com base em sua relevância biológica e terapêutica.

DNA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ABL1 | BARD1 | CDH4 | CYSLTR2 | ERCC4 | FGF7 | GRM3 | IKZF1 |
| ABL2 | BBC3 | CDK12 | DAXX | ERCC5 | FGF8 | GSK3B | IL10 |
| ACVR1 | BCL10 | CDK4 | DCUN1D1 | ERF | FGF9 | H3F3A | IL7R |
| ACVR1B | BCL2 | CDK6 | DDR1 | ERG | FGFR1 | H3F3B | INHA |
| ADARB2 | BCL2L1 | CDK7 | DDR2 | ERRFI1 | FGFR2 | H3F3C | INHBA |
| AGO1 | BCL2L11 | CDK8 | DDX41 | ESR1 | FGFR3 | HDAC1 | INPP4A |
| AGO2 | BCL2L2 | CDKN1A | DHX15 | ETAA1 | FGFR4 | HGF | INPP4B |
| AJUBA | BCL6 | CDKN1B | DICER1 | ETS1 | FH | HIST1H1C | INPPL1 |
| AKT1 | BCOR | CDKN2A | DIS3 | ETV1 | FLCN | HIST1H2BD | INSR |
| AKT2 | BCORL1 | CDKN2B | DNAJB1 | ETV4 | FLI1 | HIST1H3A | IRF2 |
| AKT3 | BCR | CDKN2C | DNMT1 | ETV5 | FLT1 | HIST1H3B | IRF4 |
| ALB | BIRC3 | CEBPA | DNMT3A | ETV6 | FLT3 | HIST1H3C | IRS1 |
| ALK | BLM | CENPA | DNMT3B | EWSR1 | FLT4 | HIST1H3D | IRS2 |
| ALOX12B | BMPR1A | CHD2 | DOT1L | EZH1 | FOXA1 | HIST1H3E | JAK1 |
| AMER1 | BRAF | CHD4 | DPYD | EZH2 | FOXF1 | HIST1H3F | JAK2 |
| ANKRD11 | BRCA1 | CHEK1 | DROSHA | EZR | FOXL2 | HIST1H3G | JAK3 |
| ANKRD26 | BRCA2 | CHEK2 | DUSP4 | FAM175A | FOXO1 | HIST1H3H | JUN |
| APC | BRD4 | CIC | E2F3 | FAM46C | FOXP1 | HIST1H3I | KAT6A |
| APLNR | BRIP1 | CMTR2 | EED | FAM58A | FRS2 | HIST1H3J | KBTBD4 |
| AR | BTG1 | CNTN4 | EGFL7 | FANCA | FUBP1 | HIST2H3A | KDM5A |
| ARAF | BTG2 | CREBBP | EGFR | FANCC | FYN | HIST2H3C | KDM5C |
| ARFRP1 | BTK | CRKL | EIF1AX | FANCD2 | GAB1 | HIST2H3D | KDM6A |
| ARHGAP35 | CALR | CRLF2 | EIF4A2 | FANCE | GAB2 | HIST3H3 | KDR |
| ARID1A | CARD11 | CSDE1 | EIF4E | FANCF | GABRA6 | HLA-A | KEAP1 |
| ARID1B | CARM1 | CSF1R | ELF3 | FANCG | GATA1 | HLA-B | KEL |
| ARID2 | CASP8 | CSF3R | EML4 | FANCI | GATA2 | HLA-C | KIF5B |
| ARID5B | CBFB | CSNK1A1 | EMSY | FANCL | GATA3 | HNF1A | KIT |
| ASXL1 | CBL | CTCF | EP300 | FAS | GATA4 | HNRNPK | KLF4 |
| ASXL2 | CCNB3 | CTLA4 | EPAS1 | FAT1 | GATA6 | HOXB13 | KLF5 |
| ATM | CCND1 | CTNNA1 | EPCAM | FBXW7 | GEN1 | HRAS | KLHL6 |
| ATR | CCND2 | CTNNB1 | EPHA3 | FGF1 | GID4 | HSD3B1 | KMT2A |
| ATRX | CCND3 | CTR9 | EPHA5 | FGF10 | GLI1 | HSP90AA1 | KMT2B |
| ATXN7 | CCNE1 | CUL3 | EPHA7 | FGF12 | GNA11 | ICOSLG | KMT2C |
| AURKA | CD276 | CUL4A | EPHB1 | FGF14 | GNA13 | ID3 | KMT2D |
| AURKB | CD70 | CUX1 | EPHB4 | FGF19 | GNAQ | IDH1 | KMT5A |
| AXIN1 | CD74 | CXCR4 | ERBB2 | FGF2 | GNAS | IDH2 | KNSTRN |
| AXIN2 | CD79A | CYLD | ERBB3 | FGF23 | GNB1 | IFNGR1 | KRAS |
| AXL | CD79B | CYP17A1 | ERBB4 | FGF3 | GPR124 | IGF1 | LAMP1 |
| B2M | CDC42 | CYP19A1 | ERCC1 | FGF4 | GPS2 | IGF1R | LATS1 |
| BABAM1 | CDC73 | CYP2C19 | ERCC2 | FGF5 | GREM1 | IGF2 | LATS2 |
| BAP1 | CDH1 | CYP2D6 | ERCC3 | FGF6 | GRIN2A | IKBKE | LMO1 |

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LRP1B
LTK
LYN
LZTR1
MAD2L2
MAGI2
MALT1
MAP2K1
MAP2K2
MAP2K4
MAP3K1
MAP3K13
MAP3K14
MAP3K4
MAPK1
MAPK3
MAPKAP1
MAX
MCL1
MDC1
MDM2
MDM4
MED12
MEF2B
MEN1
MET
MGA
MITF
MLH1
MLLT1
MLLT3
MPL
MRE11A
MSH2
MSH3
MSH6
MSI1
MSI2
MST1
MST1R
MTAP
MTOR
MUTYH
MYB
MYC
MYCL
MYCN
MYD88
MYOD1

NAB2
NADK
NBN
NCOA3
NCOR1
NEGR1
NF1
NF2
NFE2L2
NFKBIA
NKX2-1
NKX3-1
NOTCH1
NOTCH2
NOTCH3
NOTCH4
NPM1
NRAS
NRG1
NSD1
NT5C2
NTHL1
NTRK1
NTRK2
NTRK3
NUF2
NUP93
NUTM1
OPCML
P2RY8
PAK1
PAK3
PAK7
PALB2
PARK2
PARP1
PARP2
PARP3
PAX3
PAX5
PAX7
PAX8
PBRM1
PD-1
PD-L1
PD-L2
PDGFRA
PDGFRB
PDK1

PDPK1
PGBD5
PGR
PHF6
PHOX2B
PIGA
PIK3C2B
PIK3C2G
PIK3C3
PIK3CA
PIK3CB
PIK3CD
PIK3CG
PIK3R1
PIK3R2
PIK3R3
PIM1
PLCG2
PLK2
PMAIP1
PMS1
PMS2
PNRC1
POLD1
POLE
POT1
PPARG
PPM1D
PPP2R1A
PPP2R2A
PPP4R2
PPP6C
PRDM1
PRDM14
PREX2
PRKAR1A
PRKCI
PRKD1
PRKDC
PRSS8
PTCH1
PTEN
PTP4A1
PTPN11
PTPRD
PTPRN2
PTPRS
PTPRT
QKI

RAB35
RAC1
RAC2
RAD21
RAD50
RAD51
RAD51B
RAD51C
RAD51D
RAD52
RAD54L
RAF1
RANBP2
RARA
RASA1
RB1
RBM10
RECQL
RECQL4
REL
REST
RET
RFWD2
RHEB
RHOA
RICTOR
RIT1
RNF43
ROS1
RPS6KA4
RPS6KB1
RPS6KB2
RPTOR
RRAGC
RRAS
RRAS2
RSPO2
RTEL1
RUNX1
RUNX1T1
RXRA
RYBP
SCG5
SDC4
SDHA
SDHAF2
SDHB
SDHC
SDHD

SERPINB3
SERPINB4
SESN1
SESN2
SESN3
SETBP1
SETD2
SETDB1
SF3B1
SGK1
SH2B3
SH2D1A
SHOC2
SHQ1
SLC34A2
SLFN11
SLIT2
SLX4
SMAD2
SMAD3
SMAD4
SMARCA2
SMARCA4
SMARCB1
SMARCD1
SMARCE1
SMC1A
SMC3
SMO
SMYD3
SNCAIP
SNTG2
SOCS1
SOS1
SOX10
SOX17
SOX2
SOX9
SPEN
SPOP
SPRED1
SPRTN
SPTA1
SRC
SRSF2
STAG1
STAG2
STAT3
STAT4

STAT5A
STAT5B
STK11
STK19
STK40
SUFU
SUZ12
SYK
TAF1
TAP1
TAP2
TBX3
TCEB1
TCF3
TCF7L2
TEK
TERT
TET1
TET2
TFE3
TFRC
TGFBR1
TGFBR2
TIPARP
TMEM127
TMPRSS2
TNFAIP3
TNFRSF14
TOP1
TOP2A
TP53
TP53BP1
TP63
TPMT
TRAF2
TRAF7
TRIP13
TSC1
TSC2
TSHR
TYRO3
U2AF1
UGT1A1
UPF1
USP8
VEGFA
VHL
VTCN1
WHSC1

WHSC1L1
WISP3
WT1
WWTR1
XIAP
XPO1
XRCC2
YAP1
YES1
ZBTB2
ZBTB7A
ZFHX3
ZNF217
ZNF703
ZNRF3
ZRSR2

RNA

ALK
ROS1
RET
FGFR1
FGFR2
FGFR3
NTRK1
NTRK2
NTRK3
BRAF
NRG1
BRCA1
BRCA2
PTEN
AR
EGFR
ERBB2
MET
PALB2
RB1