

CancerVision Test

Driver Genes Reported List

Last update: Jul 20, 2026

A-C

A1CF, ABL1, ABL2, ACVR1, AFDN, AFF3, AFF4, AKT1, AKT2, AKT3, ALK, AMER1, ANGPT2, APC, AR, ARAF, ARHGAP26, ARHGEF12, ARID1A, ARID1B, ARID2, ARNT, ASS1, ASXL1, ASXL2, ATF1, ATM, ATP1A1, ATR, ATRX, AURKA, AXIN1, AXIN2, AXL, B2M, BAP1, BARD1, BAX, BCL10, BCL11A, BCL11B, BCL2, BCL6, BCL9, BCOR, BCORL1, BIRC3, BIRC5, BLM, BMPR1A, BRAF, BRCA1, BRCA2, BRD3, BRD4, BRIP1, BTG1, BTK, BUB1B, CACNA1D, CALR, CAMTA1, CARD11, CARS1, CASP8, CBFA2T3, CBFEB, CBL, CBLB, CBLC, CCDC6, CCNC, CCND1, CCND2, CCND3, CCNE1, CCR4, CD19, CD22, CD274, CD28, CD33, CD4, CD74, CD79A, CD79B, CD8A, CD8B, CDC73, CDH1, CDH11, CDH17, CDK12, CDK4, CDK6, CDKN1A, CDKN1B, CDKN2A, CDKN2B, CDKN2C, CDX2, CEACAM5, CEBPA, CHD2, CHD4, CHEK1, CHEK2, CIC, CIITA, CLDN18, CLTC, CLTCL1, CLU, CNTNAP2, CREB1, CREB3L1, CREB3L2, CREBBP, CRLF2, CRTC1, CSF1R, CSF3R, CSMD3, CTAG1B, CTCF, CTNNA2, CTNNB1, CUL3, CUX1, CXCL8, CXCR4, CYLD, CYSLTR2

D-F

DAXX, DDIT3, DDR2, DDX10, DDX3X, DDX5, DEK, DICER1, DKK1, DLL3, DNM2, DNMT3A, DNMT3B, DROSHA, EBF1, EED, EGF, EGFR, EIF3E, ELF3, ELF4, ELL, EP300, EPAS1, EPHA2, EPHB2, EPS15, ERBB2, ERBB3, ERBB4, ERCC1, ERCC2, ERCC3, ERCC4, ERG, ESR1, ETNK1, ETV1, ETV4, ETV5, ETV6, EWSR1, EZH2, FANCA, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCL, FAS, FAT1, FAT4, FBXO11, FBXW7, FEN1, FES, FEV, FGF3, FGFR1, FGFR2, FGFR3, FGFR4, FH, FHIT, FLCN, FLI1, FLT3, FLT4, FMO4, FOLH1, FOLR1, FOXA1, FOXL2, FOXO1, FOXO3, FOXO4, FOXP1, FUBP1, FUS

G-I

GATA1, GATA2, GATA3, GLI1, GNA11, GNAQ, GNAS, GPC3, GPNMB, GRIN2A, GRM3, H3-3A, H3-3B, H3C2, HDAC2, HEY1, HGF, HIF1A, HIP1, HLA-A, HMGA2, HNF1A, HNRNPA2B1, HOXA9, HOXD13, HRAS, ID3, IDH1, IDH2, IKBKB, IKZF1, IL7R, IRF4, IRS4

J-L

JAK1, JAK2, JAK3, JUN, KAT6A, KAT7, KDM5A, KDM5C, KDM6A, KDR, KEAP1, KIT, KLF4, KMT2A, KMT2C, KMT2D, KNSTRN, KRAS, LARP4B, LCK, LMO1, LPP, LRIG3, LRP1B, LZTR1

M-O

MAF, MAFB, MAGEA4, MALT1, MAML2, MAP2K1, MAP2K2, MAP2K4, MAP3K1, MAP3K13, MAPK1, MAX, MDM2, MDM4, MECOM, MED12, MEN1, MET, MGAM, MGMT, MITF, MLF1, MLH1, MLLT10, MN1, MPL, MRE11, MRTFA, MS4A1, MSH2, MSH6, MSI2, MSLN, MTOR, MUC16, MUC4, MUC5AC, MTAP, MUTYH, MYB, MYC, MYCL, MYCN, MYD88, MYH9, MYOD1, NAB2, NBN, NCOA2, NCOA4, NCOR1, NCOR2, NDRG1, NF1, NF2, NFATC2, NFE2L2, NFKB2, NFKBIE, NKX2-1, NOTCH1, NOTCH2, NOTCH3, NOTCH4, NPAP1, NPM1, NR4A3, NRAS, NRG1, NSD2, NSD3, NT5C2, NTHL1, NTRK1, NTRK2, NTRK3, NUP98, NUTM1, OSBPL3

P-R

P2RY8, PALB2, PATZ1, PAX3, PAX5, PBRM1, PBX1, PDCD1, PDCD1LG2, PDGFB, PDGFRA, PDGFRB, PER1, PGR, PHF6, PHOX2B, PIK3CA, PIK3CB, PIK3R1, PIM1, PLAG1, PLCG1, PLCG2, PML, PMS2, POLD1, POLE, POLG, POLQ, POT1, POU5F1, PPARG, PPM1D, PPP2R1A, PPP6C, PRDM1, PRDM16, PRDM2, PREX2, PRKACA, PRKAR1A, PTCH1, PTEN, PTK2, PTK6, PTPN11, PTPRB, PTPRD, PTPRK, PTPRT, QKI, RAC1, RAD17, RAD21, RAD51, RAD51B, RAD51C, RAD51D, RAD54L, RAF1, RANBP2, RARA, RB1, RBM10, RECQL4, REL, RET, RHOA, RNF43, ROS1, RPL5, RSPO2, RSPO3, RUNX1, RUNX1T1, RYR1

S-U

SDHA, SDHAF2, SDHB, SDHC, SDHD, SET, SETBP1, SETD2, SF3B1, SFPQ, SGK1, SH2B3, SIRPA, SLC34A2, SLC3A2, SLC7A5, SLFN11, SMAD2, SMAD3, SMAD4, SMARCA4, SMARCB1, SMARCD1, SMARCE1, SMC1A, SMO, SND1, SOCS1, SOX2, SPEN, SPOP, SRC, SRSF2, SSTR2, SSTR5, SSX1, SSX2, SSX4, STAG1, STAG2, STAT3, STAT5B, STAT6, STIL, STK11, SUFU, SUZ12, SYK, TACSTD2, TAF15, TAL1, TBL1XR1, TBX3, TCF3, TCF7L2, TCL1A, TEK, TENT5C, TERT, TET1, TET2, TFE3, TFEB, TGFB2, TLX1, TLX3, TMEM127, TNFAIP3, TNFRSF14, TNFRSF17, TNFRSF8, TP53, TP63, TPM3, TRAF7, TRIM24, TRIM27, TRIM33, TSC1, TSC2, TSHR, U2AF1, UBR5, USH2A

V-Z

VEGFA, VEGFD, VHL, WRN, WT1, WWTR1, XPA, XPC, XPO1, YWHAE, ZBTB16, ZFH3, ZMYM3, ZNRF3, ZRSR2

CancerVision Test

Fusion Genes Reported List

Last update: Jul 20, 2026

A-C

ABCC4, ABI1, ABI2, ABL1, ABL2, ABR, ACBD5, ACIN1, ACLY, ACP3, ACSL3, ACTA2, ACTB, ACTG2, ACTL6A, ACTN4, ADAM18, ADGRA2, AFAP1, AFAP1L2, AFDN, AFF1, AFF2, AFF3, AFF4, AGAP1, AGAP3, AGBL4, AGGF1, AGK, AGO1, AGTRAP, AHCYL1, AHCYL2, AKAP13, AKAP9, AKT1, AKT2, AKT3, ALDH2, ALK, AMPD2, ANK3, ANKRD26, ANTXR1, AP1M1, AR, ARFIP1, ARHGAP22, ARHGAP26, ARHGAP6, ARHGEF12, ARHGEF2, ARHGEF37, ARID1A, ARID1B, ARID2, ARL1, ARMC10, ARNT, ARNT2, ASPSCR1, ASXL2, ATAD1, ATAD2, ATF1, ATF7IP, ATG7, ATIC, ATP13A4, ATP1B1, ATXN1, AUTS2, AXDND1, AXL, BAG4, BAIAP2L1, BCAM, BCAN, BCAR4, BCAS1, BCL11A, BCL11B, BCL2L11, BCL6, BCL7A, BCL9, BCOR, BCORL1, BCR, BEND2, BEND5, BFSP2, BICC1, BICD2, BIRC3, BIRC6, BOC, BORCS5, BPTF, BRAF, BRD3, BRD4, BRD9, BRWD3, BTBD1, BTBD18, BTBD2, BTF3L4, BTG1, BUB1B, CAD, CADM1, CAMTA1, CANT1, CAPRIN1, CARS1, CASP7, CASP8AP2, CAT, CAV1, CBFA2T2, CBFA2T3, CBFB, CBL, CBX5, CCAR2, CCDC170, CCDC186, CCDC28A, CCDC6, CCDC88A, CCDC88C, CCDC91, CCNB1IP1, CCNB3, CCND1, CCNY, CD28, CD44, CD47, CD63, CD74, CDC27, CDC42BPB, CDCA7, CDH1, CDK14, CDK15, CDK6, CENPA, CENPK, CEP170B, CEP43, CEP55, CEP85L, CEP89, CHCHD7, CHD7, CHTOP, CIC, CIITA, CIP2A, CIT, CLCN6, CLDN18, CLINT1, CLIP1, CLIP2, CLTC, CLTCL1, CLU, CNTNAP2, CNTRL, COL14A1, COL1A1, COL1A2, COL3A1, COP1, CORO2B, COX6C, COX7A2L, CPSF6, CREB1, CREB3L1, CREB3L2, CREBBP, CREM, CRLF2, CROCC, CRTC1, CRTC3, CSF1R, CSMD1, CSNK2A1, CSTF3, CT45A2, CTLA4, CTNNA1, CTNNA3, CTNNB1, CTNNBL1, CTNND1, CTRC, CUL1, CUX1, CXCL11, CXCR4, CXXC5

D-F

DAB2, DAB2IP, DACH1, DAZAP1, DBP, DCP1A, DCTN1, DDIT3, DDX10, DDX21, DDX3X, DDX3Y, DDX5, DEK, DHX9, DIAPH2, DIS3L, DLG1, DLG5, DNAJB1, DNAJC12, DNM3, DOCK4, DST, DSTN, DTD1, DUSP22, DUX4, DUX4L1, DYNC1I2, DYRK4, DYSF, E2F1, EBF1, EDC4, EEF1G, EEFSEC, EGFR, EHBP1, EIF3E, EIF4A2, ELAVL1, ELAVL3, ELF4, ELF5, ELL, ELN, EMC2, EML1, EML4, EML6, EP300, EPAS1, EPC1, EPHB4, EPS15, ERBB2, ERBB3, ERBB4, ERC1, ERC2, ERG, ERLEC1, ERLIN2, ESR1, ESRP1, ESRRA, ESYT2, ETFA, ETS2, ETV1, ETV4, ETV5, ETV6, EWSR1, EZHIP, EZR, FAM114A2, FAM131B, FAM133B, FAM169B, FAM174A, FAM184B, FAM76A, FAT3, FBRSL1, FBXO11, FCHSD1, FEV, FGFR1, FGFR1OP2, FGFR2, FGFR3, FGFR4, FHL2, FILIP1, FIP1L1, FKBP15, FLI1, FLNA, FLT3, FN1, FNBP1, FOS, FOSB, FOXO1, FOXO3, FOXO4, FOXP1, FRK, FRMD4A, FRYL, FSIP2, FSTL3, FUS, FXR1, FYCO1

G-I

G3BP1, G3BP2, GAB2, GABBR2, GAS7, GATA1, GATA2, GATA6, GATM, GCC2, GFPT1, GHR, GIT2, GKAP1, GLI1, GLI2, GLIS2, GLIS3, GNAI1, GNG2, GOLGA4, GOLGA5, GOLGB1, GOPC, GPBP1L1, GPHN, GRB2, GREB1, GREB1L, GRIPAP1, GSN, GTF2I, GYG1, HAC1L, HAS2, HAUS1, HERPUD1, HEY1, HIF1A, HIP1, HLA-A, HLA-DRB1, HLF, HMGA2, HMGN2P46, HNRNPA2B1, HNRNPH1, HNRNPUL1, HOOK3, HOXA11, HOXA13, HOXA9, HOXB9, HOXC11, HOXC13, HOXD11, HOXD13, HPCAL1, HSP90AA1, HSPA8, HTRA1, IGF1R, IGFBP5, IGH, IKZF1, IKZF2, IKZF3, IL21R, IL2RB, INA, INO80D, INPP5D, INSR, IPO7, IRAG1, IRF2BP2, IRF4, ITGAV, ITK

J-L

JADE2, JAK1, JAK2, JAK3, JAKMIP2, JAZF1, JMJD1C, KANK1, KANK2, KANK4, KAT6A, KAT7, KCTD7, KCTD8, KDELR2, KDM2A, KDM2B, KDM5A, KDM7A, KHDRBS1, KIAA1217, KIAA1549, KIDINS220, KIF5A, KIF5B, KIT, KLC1, KLF15, KLF17, KLF3, KLF4, KLHL7, KLK2, KMT2A, KMT2D, KNL1, KPNA3, KTN1, LAMTOR1, LASP1, LBH, LCP1, LDLR, LHFPL6, LIFR, LIMA1, LIMD1, LINC01210, LMNA, LPP, LRIG3, LRP1, LRRC71, LRRFIP1, LRRTM4, LSM14A, LTBP1, LTK, LYN

M-O

MACF1, MAD1L1, MAGI3, MALAT1, MALT1, MAML1, MAML2, MAML3, MAMLD1, MAN1A1, MAP2K1, MAP2K2, MAP3K8, MAPRE1, MAST1, MAST2, MATR3, MBIP, MBNL1, MBNL2, MBNL3, MBTD1, MDK, MDM2, MEAF6, MECOM, MED15, MEF2D, MEIS1, MET, MGA, MIPOL1, MIR548F1, MITF, MKRN1, MLF1, MLLT1, MLLT10, MLLT11, MLLT3, MLLT6, MN1, MPRIP, MRAS, MRPS9, MRTFA, MSI2, MSN, MTA3, MTAP, MTMR2, MUC16, MXD1, MXD4, MXI1, MYB, MYBL1, MYC, MYH10, MYH11, MYH13, MYH15, MYH9, MYO18A, MYO1F, MYO5A, MYOCD, MYRIP, MYT1L, MZT1, NAB2, NACA, NACC2, NAP1L1, NAV1, NCKIPSD, NCL, NCOA1, NCOA2, NCOA3, NCOA4, NCOA5, NCOR1, NCOR2, NDEL1, NDRG1, NFASC, NFATC1, NFATC2, NFIA, NFIB, NFIX, NFKB2, NIN, NIPBL, NLRC4, NOL4, NOL4L, NONO, NOS2, NOTCH1, NOTCH2, NOTCH3, NPM1, NR1D1, NR4A3, NRAP, NRBF2, NRCAM, NRF1, NRG1, NRIP3, NSD1, NSD2, NSD3, NSMAF, NTRK1, NTRK2, NTRK3, NUB1, NUDCD3, NUFIP2, NUMA1, NUP153, NUP214, NUP98, NUTM1, NUTM2A, NUTM2B, OCLN, OFD1, OGA, OGT, OLFM4, OPTN, OSBPL1A

P-R

P2RY8, PACSIN2, PAG1, PAN3, PAPSS1, PATZ1, PAWR, PAX3, PAX5, PAX7, PAX8, PBX1, PCBP2, PCDH11X, PCM1, PDCD10, PDCD1LG2, PDE10A, PDE4DIP, PDGFB, PDGFRA, PDGFRB, PDHX, PDK1, PDS5A, PDZRN3, PFN2, PGR, PHF1, PHF20, PHF23, PHGDH, PICALM, PID1, PIK3CA, PIK3CB, PIK3R2, PIM1, PJA2, PLAG1, PLEKHA6, PLEKHA7, PLIN3, PML, POC1B, POU2AF1, POU5F1, PPARGC1A, PPFIBP1, PPFIBP2, PPHLN1, PPL, PPP1CB, PPP1R21, PPP2R2A, PRCC, PRDM16, PRDX1, PRKACA, PRKAR1A, PRKAR1B, PRKCA, PRKCB, PRKCE, PRKCH, PRKD2, PRKG2, PRRC1, PRRC2B, PRRX1, PSIP1, PSPC1, PTCH1, PTP4A1, PTPRK, PTPRR, PTPRZ1, PURB, PVT1, PWWP2A, QKI, RAB10, RABEP1, RABGAP1L, RAD18, RAD51, RAD51AP1, RAD51B, RAF1, RALGAPA1, RANBP2, RAP1GDS1, RARA, RARB, RARS1, RASGEF1A, RASGRF1, RASSF4, RBBP8, RBM10, RBM15, RBM20, RBMS3, RBPMS, RCSD1, RELA, RELCH, RET, RHOH, RHOT1, RNF11, RNF130, RNF213, RNPC3, ROCK1, ROS1, RP2, RPN1, RPS6KB1, RPS6KC1, RRBP1, RREB1, RSPO2, RSPO3, RUFY1, RUFY2, RUNX1, RUNX1T1

S-U

S100A7, SALL2, SARNP, SATB1, SCAPER, SCYL3, SDC4, SEC16A, SEC31A, SEC61G, SEPTIN14, SEPTIN2, SEPTIN3, SEPTIN6, SEPTIN7, SEPTIN9, SERPINE1, SET, SETBP1, SETD3, SFPQ, SFTPQ, SH3GL1, SH3GLB1, SH3PXD2A, SHROOM3, SHTN1, SIRAL1, SKAP1, SKAP2, SLC12A2, SLC12A7, SLC16A7, SLC34A2, SLC3A2, SLC44A1, SLC45A3, SLC4A4, SLC6A18, SLCO2A1, SLMAP, SMAD3, SMARCA2, SMARCA5, SMARCC1, SMG6, SMIM17, SND1, SNRNP70, SNX2, SORBS1, SORBS2, SOS1, SOX6, SOX9, SP3, SPAG9, SPECC1, SPECC1L, SPICE1, SPTBN1, SQSTM1, SRF, SRGAP3, SRRM5, SRSF3, SS18, SS18L1, SSBP2, SSH2, SSX1, SSX2, SSX4, ST7, STAG2, STARD3NL, STAT3, STAT5B, STAT6, STIL, STK26, STK3, STK32B, STK35, STRBP, STRN, STRN3, STX7, SUZ12, SVIL, SVOPL, SYK, SYNRG, TACC1, TACC2, TACC3, TADA2A, TAF15, TAL1, TANK, TARDBP, TAX1BP1, TBC1D1, TBL1XR1, TCEA1, TCF12, TCF3, TCF7L2, TEAD1, TEC, TENM4, TERF2, TERT, TET1, TFCP2, TFE3, TFEB, TFG, TFPT, TFRC, THADA, THAP4, THBS1, TIMP3, TLE4, TLX1, TLX3, TMEM106B, TMEM165, TMEM59, TMEM87A, TMEM98, TMPRSS2, TNFRSF18, TNIP1, TNIP2, TNRC18, TNS1, TNS3, TOP1, TOP3A, TP53, TP53BP1, TP63, TP73, TPM1, TPM3, TPM4, TPR, TRA2B, TRAF1, TRAF3, TRAK1, TRIM11, TRIM24, TRIM27, TRIM33, TRIM4, TRIM63, TRIM8, TRIO, TRIP11, TRPS1, TSC1, TSPAN12, TTC28, TYK2, UBE2H, UBE2R2, UBTF, USH2A, USP2, USP33, USP42, USP8, USP9X

V-Z

VAMP2, VAV1, VCL, VEZF1, VGLL1, VIM, VKORC1L1, VMP1, VOPP1, VSTM2A, VT11A, WAC, WASF1, WDCP, WDHD1, WDR11, WIF1, WNK1, WT1, WWC1, WWTR1, XPO1, YAP1, YWHAE, YY1, ZBTB16, ZBTB20, ZC3H7A, ZC3H7B, ZC3HAV1, ZCCHC8, ZEB2, ZFP36L1, ZFP36L2, ZFPM2, ZFTA, ZFX, ZFYVE19, ZKSCAN1, ZKSCAN5, ZMIZ1, ZMYM2, ZMYM4, ZMYND11, ZNF207, ZNF276, ZNF362, ZNF384, ZNF444, ZNF521, ZNF532, ZNF592, ZNF700, ZNF713, ZNF767P, ZNF880, ZNRF3, ZSCAN30