

LIST OF ANALYZED GENES - RISK FOR THE DEVELOPMENT OF HEREDITARY CANCER (524 GENES)

MECOM, PARP3, KEL, WT1, EMSY, HGF, OGG1, PAK3, ROS1, ANKRD26, HMMR, LAMB4, FAN1, SMAD2, SOX2, MSH4, BRCA1, NTHL1, SRP72, RAF1, GNA11, GTF2H1, WRN, FANCD2, TINF2, GPR161, AMER1, RASEF, PMS1, LIG4, FGFR1, RBBP8, RET, RNASEL, XPO1, XRCC3, PTEN, NTRK2, EME1, EXO1, SMARCB1, POLK, GLI3, GRIN2A, ARAF, IRF4, GSK3B, CREBBP, CSF1R, ERBB3, DOT1L, NKX2-1, BCORL1, KEAP1, IKZF1, SOX10, ERCC6L2, RPA1, SDHD, SPINK1, KLHL6, SOS1, MIR191, CTNNA1, U2AF1, PHOX2B, MRE11, GTF2H2, APC, TERF1, PTCH1, RUNX1, XRCC4, FANCA, NF2, POLH, FANCC, ERCC2, RARA, RHBDF2, KITLG, KAT6B, KLF6, ARID1A, MAP3K1, RINT1, XPA, FH, XRCC1, IL1RN, PRSS8, DDX41, NEIL3, CDKN1A, NOTCH2, AR, TAF1, IRS2, RAD50, LZTR1, AXIN2, ATM, CTNNA1, ENG, EZH2, NTRK1, MSH6, PALB2, SAMD9L, PIK3R2, NRAS, FLT4, FGF10, MET, RB1, SLC45A1, MDH2, CHEK2, GNA13, TERC, BUB3, CDKN1C, FAPB2, SYK, RTEL1, MYB, XRCC6, AKT3, PTPRD, KRAS2, SLC22A18, SDHAF2, CDC42, PRKAR1A, FAT1, PROSER2, ESR2, NSD1, ARID1B, SLC22A1L, RNF43, TOP1, SOX9, GLI2, SAMD9, ELANE, TMC6, FANCG, GNAQ, EPHB1, FAAP24, NEIL2, SMARCE1, SDHA, BUB1, CAPN9, EPCAM, SOS2, NQO2, UNG, CYLD, PGR, SDHB, MSH3, MCL1, RICTOR, BMPR1A, MTOR, MX2, HRAS, BAP1, ETV6, FGFR3, FLT3, IRF1, MMS19, NEK11, NEK4, APEX1, CASR, FBN1, CDKN2C, RRAS, LMO1, ALK, NPM1, KRAS, SON, WRNIP1, NEIL1, ASXL1, SMARCA4, ARID2, SOCS1, RB1CC1, PPM1D, RAD17, RABL3, INSR, CDK12, CLEC12B, GATA3, PRF1, RAD51C, TOP2A, FANCI, PARP1, CD70, INHBA, UPF1, EFL1, CDKN2A, SMAD3, LRP5, SLIT2, JUN, SHOC2, AKT2, ERCC4, STAT4, GATA2, KIF1B, SLC34A2, ERCC5, SLX4, DCLRE1C, HERPUD1, BRD4, GATA1, JAK3, PINK1, PIK3CB, CEP57, SPEN, DDB2, HNF1A, RAD54B, ETV1, MUS81, SBDS, KLLN, RUNX1T1, G6PC3, PLCG2, ERBB4, ARHGAP12, DSC2, MYCL, CASP10, MGMT, TBX3, DIS3L2, FAS, PRDM1, ABL2, CTRC, XAB2, CHEK1, NFE2L2, BRIP1, RASA2, MAP2K4, RPTOR, PPP2R1A, AIP, GATA4, ETV4, CDC73, ERFF1, STK11, BUB1B, RAD52, MAP3K9, IDH2, SETD2, FGF4, GPRIN1, AXIN1, ACVR1, FGF23, ERCC3, BCL2L1, XRCC2, ARFRP1, MUTYH, TERF2IP, TET2, CARD11, TSC2, CRLF2, DLST, IKBKE, MLLT6, NME1, NUMA1, BRAF, MLH3, SPRED1, TSC1, MST1R, EGLN1, BCR, HSP90AA1, NBAS, GLI1, NFKBIA, ABL1, SLC45A2, RUND1, PIK3CA, SPOP, RAD51D, PBRM1, EME2, CTCF, ERBB2, ERCC1, KRT76, MYCN, NOTCH1, MAX, PZP, CCND1, EGFR, DMC1, HAX1, FGF14, CASP8, CDK6, LCP1, ACVR1B, AURKB, CD79A, SUFU, IGF1R, NSUN2, PLA2G6, FGFR2, JAK2, CFBF, PRSS1, GREM1, EXT2, HAVCR2, RAD54L, MYC, POLD1, NANP, GPC3, GTF2H5, MDM4, RECQL4, MDM2, ESR1, PIK3CG, TERF2, DNMT3A, FANCE, SHH, FANCB, ELP1, SRC, ANKS1A, EP300, IRF2, MAP2K1, MLH1, VEGFA, DROSHA, PLK2, PREX2, ERG, PLCE1, CDKN2B, EPHA3, CD14, IL7R, MBD4, NEK2, TERT, PKD1, MPG, GTF2H4, SF3B1, GABRG1, ACD, EXT1, SPAG9, LYN, RANBP2, BARD1, FBXW7, NHEJ1, KIT, DDX10, BCAR1, NEK10, GALNT14, BTK, NBN, ELAC2, ATR, SLC25A11, TMPRSS2, AURKA, DNAJC21, PRKDC, FANCF, CCND3, PAX5, TGM6, DKC1, CEBPA, SNCAIP, GRM3, GTF2H3, GNAS, GATA6, MAP2K2, CDKN1B, REST, FGF3, BCL6, RAD51, DICER1, AXL, DDB1, RECQL, PNKP, SPTA1, MSH2, MYD88, MC1R, OCA2, TNFAIP3, NOTCH3, CDH1, POLE, CDK8, CD274, AFDN, MNAT1, PHB, ATRX, PDGFRA, STAG2, FLCN, AP2S1, TMEM127, TNFRSF14, GFI1, AKT1, RFC1, XRCC5, VHL, MIR125A, CDK4, KDM6A, RAC1, KMT2D, NUP93, PIK3C2B, PARP2, CFTR, ERCC8, KDR, PDGFRB, FANCL, SDHC, CCND2, SMO, BLM, MAP3K6, BCL2, DDR2, CUL3, NLRP1, MITF, DSG2, FLT1, RIPK1, FBXO24, BRCA2, CHD4, JAK1, MSH5, MED12, PMS2, CHD2, MEN1, HOXB13, IGF2, SMUG1, FGFR4, DNAH7, MAGI2, TGFB2, PALLD, PTPN11, DAXX, APEX2, KMT2A, PDE11A, NF1, CTNNA2, CBL, MCPH1, NTRK3, TP53, RAD51B, PIK3R1, CBLB, FANCM, ERCC6, XPC, IDH1, EDNRB, RIT1, TSHR, POT1, STAT3, SMAD4, FAM111B, PRKN, KMT2C, EIF3A