

全外顯子定序 (Whole Exome Sequencing, WES) (癌症)

基因檢驗套組

114 年 9 月修訂

腫瘤醫學-遺傳癌症 v2.0

ABCB11, ABRAXAS1, AKT1, ALK, APC, AR, ARL11, ATM, ATR, AXIN2, BABAM2, BACH1, BAP1, BARD1, BLM, BMPR1A, BRAF, BRCA1, BRCA2, BRF1, BRIP1, BUB1B, CBL, CDC73, CDH1, CDK12, CDK4, CDKN1B, CDKN1C, CDKN2A, CEBPA, CFTR, CHEK1, CHEK2, COL7A1, CTR9, CTRC, CYLD, DDB1, DDB2, DICER1, DIS3L2, DKC1, DOCK8, DROSHA, EGFR, ELANE, EPCAM, ERCC1, ERCC2, ERCC3, ERCC4, ERCC5, ERCC6, ERCC8, ETV6, EXT1, EXT2, FAF1, FAH, FAN1, FANCA, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FAS, FGFR2, FH, FLCN, GALNT12, GALNT3, GATA2, GBA, GEN1, GGT1, GJB2, GPC3, GREM1, HFE, HMBS, HNF1A, HOXB13, HRAS, ITK, JMJD1C, KIT, KRAS, LMO1, MAP2K1, MAP2K2, MAP3K1, MAX, MBD4, MDM4, MEN1, MET, MITF, MLH1, MLH3, MPL, MRE11, MSH2, MSH3, MSH6, MTAP, MUTYH, NBN, NF1, NF2, NHP2, NOP10, NRAS, NTHL1, NTRK1, OGG1, PALB2, PALLD, PAX5, PDGFRA, PHOX2B, PIK3CA, PMS1, PMS2, POLB, POLD1, POLE, POLE2, POLH, POLK, POLN, POLQ, POT1, PPP2R2A, PRDM9, PRF1, PRKAR1A, PRSS1, PSMC3IP, PTCH1, PTEN, PTPN11, RAD50, RAD51, RAD51B, RAD51C, RAD51D, RAD54L, RAF1, RB1, RECQL, RECQL4, RET, RHBDF2, RINT1, RMRP, RNF43, RPS20, RUNX1, SBDS, SDHA, SDHAF2, SDHB, SDHC, SDHD, SEMA4A, SERPINA1, SETBP1, SH2B3, SH2D1A, SHOC2, SLC25A13, SLX4, SMAD4, SMARCA4, SMARCB1, SMARCE1, SOS1, SPINK1, SPRTN, SRGAP1, SRY, STAT3, STK11, SUFU, TERT, TGFBR1, TMEM127, TP53, TRIM37, TSC1, TSC2, TSHR, UROD, VHL, WAS, WRN, WTI, XPA, XPC, XRCC2, XRCC3, XRCC4, XRCC5, XRCC6

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ABCC9, ACTA2, ACTC1, ACTN2, ACVR2B, ACVRL1, AKAP9, ANK2, ANKRD1, ARHGAP31, ATM, B3GAT3, BAG3, BCOR, BMPR2, BRAF, CACNA1C, CACNB2, CALM1, CALM2, CASQ2, CAV3, CAVIN4, CBL, CDH2, CFAP53, CFC1, CHD7, CITED2, CLDN16, CLDN19, CNNM2, COL1A1, COL1A2, COL3A1, COL4A1, COL4A2, COL5A1, COL5A2, CREBBP, CRELD1, CRYAB, CSRP3, CTNNA3, DES, DMD, DNAJC19, DOLK, DSC2, DSG2, DSP, DTNA, EFEMP2, EGF, EHMT1, ELN, EMD, ENG, EP300, EVC, EVC2, EYA4, FBN1, FBN2, FHL1, FKTN, FLNA, FLNC, FOXC1, FOXF1, FOXH1, FXSD2, GAA, GATA4, GATA5, GATA6, GDF1, GDF2, GJA1, GJA5, GLA, GPC3, GPD1L, HCCS, HCN4, HFE, HRAS, HTRA1, ILK, JAG1, JPH2, JUP, KCNA1, KCNA5, KCND3, KCNE1, KCNE2, KCNE3, KCNH2, KCNJ2, KCNJ5, KCNK3, KCNQ1, KDM6A, KMT2D, KRAS, LAMA4, LAMP2, LDB3, LMNA, LZTR1, MAP2K2, MED12, MED13L, MEIS2, MFAP5, MIB1, MMP21, MMP3, MYBPC3, MYH11, MYH6, MYH7, MYL2, MYL3, MYLK, MYLK2, MYO6, MYOZ2, MYPN, NEBL, NEXN, NF1, NIPBL, NKX2-5, NKX2-6, NODAL, NOTCH1, NOTCH2, NOTCH3, NPPA, NR2F2, NRAS, NSD1, PDLIM3, PKD1L1, PKD2, PKP2, PLN, PRDM16, PRKAG2, PRKG1, PSEN1, PSEN2, PTPN11, RAF1, RASA1, RBM10, RBM20, RIT1, RYR2, SALL1, SALL4, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SCO2, SDHA, SEMA3A, SGCD, SHOC2, SKI, SLC12A3, SLC22A5, SLC25A4, SLC2A10, SLMAP, SMAD3, SMAD4, SMAD6, SMC3, SNTA1, SOS1, SOS2, SOX2, STRA6, SYNE1, SYNE2, TAB2, TAZ, TBX1, TBX20, TBX5, TCAP, TFAP2B, TGF2, TGF3, TGFBR1, TGFBR2, TLL1, TMEM43, TNNC1, TNNI3, TNNT2, TPM1, TRDN, TREX1, TRIM63, TRPM4, TRPM6, TTN, TTR, VCL, ZEB2, ZFPM2, ZIC3