

Painéis NGS dirigidos

Cancro Gástrico (painel NGS de 22 genes e análise de CNVs - APC, ATM, BMPR1A, BRCA1, BRCA2, CDH1, CTNNA1, EPCAM, KIT, MLH1, MSH2, MSH6, MUTYH, NF1, PDGFRA, PMS2, PTEN, SDHB, SDHC, SMAD4, STK11, TP53)
Cancro de mama e ovário (painel NGS de 28 genes e análise de CNVs - ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, DICER1, EPCAM, FANCC, MLH1, MRE11, MSH2, MSH6, MUTYH, NBN, NF1, PALB2, PMS1, PMS2, PTEN, RAD50, RAD51C, RAD51D, SMARCA4, STK11, TP53, XRCC2)
Cancro colorectal (painel NGS de 26 genes e análise de CNVs - APC, AXIN2, BLM, BMPR1A, BUB1B, CDH1, CHEK2, EPCAM, FAN1, GALNT12, GREM1, MLH1, MLH3, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, RPS20, SMAD4, STK11, TP53)
Cancro pancreático (painel NGS de 26 genes e análise de CNVs - APC, ATM, BMPR1A, BRCA1, BRCA2, CDK4, CDKN2A, EPCAM, FANCC, MEN1, MLH1, MSH2, MSH6, NF1, PALB2, PALLD, PMS1, PMS2, PRSS1, SMAD4, SPINK1, STK11, TP53, TSC1, TSC2, VHL)
Cancro da próstata (painel NGS de 16 genes e análise de CNVs - ATM, BRCA1, BRCA2, BRIP1, CHEK2, EPCAM, HOXB13, MLH1, MSH2, MSH6, NBN, PALB2, PMS2, RAD51C, RAD51D, TP53)
Melanoma (painel NGS de 20 genes e análise de CNVs - BAP1, BRCA2, CDK4, CDKN2A, CHEK2, MC1R, MITF, MLH1, MLH3, MSH2, MSH3, MSH6, PMS1, PMS2, POT1, PTEN, RB1, TERT, TP53, TYR)
Cancro alargado (painel NGS de 109 genes e análise de CNVs - ABRAXAS1, AIP, APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, BUB1B, CASR, CDC73, CDH1, CDK4, CDKN1B, CDKN1C, CDKN2A, CEBPA, CHEK2, CTNNA1, DDX41, DICER1, DIS3L2, EGFR, EPCAM, ETV6, EXT1, EXT2, FAN1, FANCC, FH, FLCN, GALNT12, GATA2, GPC3, GREM1, HNF1B, HOXB13, HRAS, KIF1B, KIT, MAX, MC1R, MEN1, MET, MITF, MLH1, MLH3, MRE11, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NF2, NTHL1, PALB2, PALLD, PDGFRA, PHOX2B, PIK3CA, PMS1, PMS2, POLD1, POLE, POT1, PRKAR1A, PRSS1, PTCH1, PTCH2, PTEN, RAD50, RAD51C, RAD51D, RB1, RECQL, RECQL4, RET, RNF43, RPS20, RUNX1, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, SPINK1, STK11, SUFU, TERT, TGFBR2, TMEM127, TP53, TSC1, TSC2, TYR, VHL, WRN, WT1, XRCC2, XRCC3)
MODY (painel NGS de 16 genes e análise de CNVs - ABCC8, APPL1, BLK, CEL, GCK, HNF1A, HNF1B, HNF4A, INS, KCNJ11, KLF11, NEUROD1, PAX4, PDX1, RFX6, ZFP57)
Hipercolesterolemia (painel NGS de 10 genes e análise de CNVs - ABCG5, ABCG8, APOB, APOE, CYP27A1, LDLR, LDLRAP1, LIPA, LPL, PCSK9)
Colestase intra-hepática (painel NGS de 5 genes e análise de CNVs - ABCB11, ABCB4, ATP8B1, NR1H4, TJP2)