Gene panel for targeting DNA sequencing

Entire coding DNA sequence and canonical splice sites (minimum +10 bp of the intronic sequence)

ALK, APC, ATM, ATRX, BCOR, BRAF, BRCA1, BRCA2, CDKN2A, CDKN2B, CIC, CREBBP, CTNNB1, DICER1, DROSHA, EGFR, FBXW7, FGFR1, H3F3A, HISTH3B, HRAS, IDH1, IDH2, KDR, KIT, KRAS, MAP2K1, MAP2K2, MET, MLH1, MSH2, MSH6, MYOD1, NF1, NOTCH1, NRAS, PDGFRA, PDGFRB, PIK3CA, POLD1, POLE, PTCH1, PTEN, PTPN11, RB1, RET, ROS1, SMARCA4, SMARCB1, SMO, SUFU, TERT, TP53, TSC1, TSC2, WT1