

Supplemental Table 1. List of Genes Interrogated in this study

ALK
APC
AR
ATM
ATR
AXIN2
BAP1
BARD1
BMPR1A
BRCA1
BRCA2
BRIP1
BUB1B
CDC73
CDH1
CDH13
CDK4
CDKN1B
CDKN1C
CDKN2A
CEBPA
CEP57
CHEK2
CPNE3
CTBP2
CYLD
CYP17A1
DDB2
DICER1
DIS3L2
DKC1
EGFR
EHBP1
ELAC2
EPCAM
EPHB2
ERCC2
ERCC3
ERCC4
ERCC5
EXT1
EXT2
EZH2
FAM175A
FANCA
FANCB
FANCC
FANCD2
FANCE
FANCF
FANCG
FANCI
FANCL
FANCM

FGFR2
FH
FLCN
GALNT12
GATA1
GATA2
GEN1
GPC3
HNF1A
HNF1B
HOXB13
HRAS
IL16
JAZF1
KIT
KLK3
LMO1
LMTK2
MAX
MEN1
MET
MITF
MLH1
MLH3
MPL
MRE11A
MSH2
MSH6
MSMB
MSR1
MUTYH
NBN
NF1
NF2
NHP2
NOP10
NTRK1
PALB2
PALLD
PCAP
PDGFRA
PHOX2B
PMS1
PMS2
POLD1
POLE
POLH
PRF1
PRKAR1A
PTCH1
PTCH2
PTEN
RAD50
RAD51C
RAD51D

RB1
RBBP8
RECQL3
RECQL4
RET
RHADF2
RNASEL
RPL11
RPL26
RPL35A
RPL5
RPS10
RPS17
RPS19
RPS24
RPS26
RPS7
RUNX1
SBDS
SCG5
SDHA
SDHAF2
SDHB
SDHC
SDHD
SLX4
SMAD4
SMARCA4
SMARCB1
SMARCE1
STK11
SUFU
TERC
TERT
TINF2
TMEM127
TP53
TSC1
TSC2
TSHR
VHL
WAS
WRN
WT1
XPA
XPC
XRCC2
XRCC3