

Table S3: List of the 65 genes characterized as driver genes for the analyses:

APC
ATM
ATR
BRAF
BRCA1
BRCA2
CDC73
CDH1
CDKN2A
CEBPA
CSF1R
CTNNB1
CTNNB1
EGFR
EPHA3
ERBB2
FAM123B
FBXW7
FGFR2
FGFR3
FLT3
GATA1
Gene name
GNAS
GUCY2F
HNF1A
HRAS
IDH1
JAK2
KIT
KRAS
MAP2K4
MEN1
MET
MLH1
MPL
MRE11A
MSH2
MSH6
NF1
NF2
NOTCH1
NRAS
NTRK3

PDGFRA
PIK3CA
PIK3R1
PTCH1
PTEN
PTPN11
PTPRT
RB1
RET
RUNX1
SMAD2
SMAD3
SMAD4
SMARCB1
SMO
STK11
TGFB2
TP53
TSHR
VHL
WT1