

Online Resource 2: List of genes included in the CRC gene panel

Journal: Familial Cancer

Title: A Novel POLE Mutation Associated with Cancers of Colon, Pancreas, Ovaries and Small Intestine

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ACVRL1
AKR1C4
AKT1
APC
ATM
AURKA
AXIN1
AXIN2
BAX
BCLAF1
BGLAP
BLM
BMP2
BMP4
BMPR1A
BRCA1
BRCA2
BUB1
BUB1B
BUB3
CCDC18
CCND1
CCND2
CDH1
CDKN1A
CENPE
CHEK2

CTNNB1

DCC

DCLRE1A

DSG4

DUSP10

DUSP4

EIF3C

EIF3H

ENG

EPCAM

EPHB2

EXO1

FAM166A

FANCD2

FANCM

FLCN

GALNT12

GREM1

HAQ1

HELQ

KIF23

KIT

KLLN

LAMA3

LAMA5

LAMB4

LAMC1

LAMC3

LUC7L

MAML3

MCC

MLH1

MLH3

MRPL3

MSH2

MSH3

MSH6

MUTYH

MYC

MYH11

NABP1

NOTCH3

NUDT7

OGG1

PICALM

PIK3CA

PITX1

PLA2G2A

PMS1

PMS2

PMS2CL

POLD

POLD3

POLE

PPP1CB
PRADC1
PRSS37
PSPH
PTCHD3
PTEN
PTPRJ
RAI1
RHNP2
SFXN4
SHROOM2
SLC5A9
SMAD4
SMAD7
STK11
TBX3
TERC
TERT
TGFB2
TKT
TLR2
TLR4
TP53
TRA2A
TREX2
TWSG1
UACA

UBAP2

USP6NL

ZFP14

ZMYM5

ZNF490