

	GYNAECO PANEL	SOLID PANEL										BRAIN PANEL			
	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA SOFT TISSUE (GIST)	SARCOMA + MELO	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA	MEDULLOBLASTOMA	MYELOID	LYMFROID	ALL CONSTITUTIONAL
CDC27															
CDC73															
CDH1	■	■									■				■
CDK4		■									■				■
CDK6											■				
CDK12		■							■	■	■		■		
CDKN2A		■					■	■		■	■	■	■	■	■
CDKN2B		■									■		■		■
CDKN2C													■		■
CEBPA												■	■		■
CHEK1	■	■								■	■		■		■
CHEK2	■	■								■	■		■		■
CIC											■				
CIITA													■		
COL2A1				■											
CRBN											■				
CREBBP											■		■		
CRKL											■				
CSF1R											■				
CSF2RB													■		
CSF3R												■	■		
CSMD3		■						■					■		
CTLA4													■		
CTNNA1		■													■
CTNNB1	■	■		■			■	■			■				
CUL4B		■													
CXCR4													■		
CYCS												■			
CYLD		■													
CYSLTR2				■											
DAXX		■									■				
DCC		■									■				
DDR1				■											
DDR2		■					■				■				
DDX3X													■		
DDX41												■	■		■
DELEC1		■											■		
DICER1	■	■									■		■		
DIS3													■		
DKC1												■			
DLC1		■													
DMD				■											
DNMT3A					■						■	■	■		
DOCK8												■	■		
DPH3				■											
DPYD	■	■							■						
DUSP2													■		
EED		■													
EGFR	■	■					■	■			■				
EGLN1					■		■	■			■				
EGLN2					■										
EGR1											■				
EIF1AX													■		
ELOC		■													■
ENG		■													
EP300											■				
EPAS1					■						■				
EPCAM	■	■													■
EPHA3											■				

CREBBP = CBP

DELEC1 = DEC1

EPAS1 = HIF2A

	GYNAECO PANEL	SOLID PANEL								BRAIN PANEL						
	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA	SOFT TISSUE (GIST)	SARCOMA + MELO	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA	MEDULLOBLASTOMA	MYELOID	LYMFOID	ALL CONSTITUTIONAL
ERBB2																
ERBB3																
ERBB4																
ERCC2																
ERG																
ESR1																
ESR2																
ETNK1																
ETV6																
EXT1																
EXT2																
EZH2																
FANCA																
FANCC																
FANCD2																
FANCE																
FANCF																
FANCG																
FANCL																
FAS																
FASLG																
FAT1																
FAT3																
FAU																
FBXW7																
FGF3																
FGFR1																
FGFR2																
FGFR3																
FGFR4																
FH																
FLCN																
FLT3																
FLT4																
FOXL2																
FOXO1																
FRK																
FUBP1																
GAB2																
GATA1																
GATA2																
GATA3																
GF11B																
GLMN																
GNA11																
GNAQ																
GNAS																
GTF2I																
H1-2																
H1-4																
H1-5																
H3-3A																
H3-3B																
H3C2																
H3C3																
HNF1A																
HRAS																
HSPG2																
ID3																

H1-2 = HIST1H1C
 H1-4 = HIST1H1E
 H1-5 = HIST1H1B
 H3-3A = H3F3A
 H3-3B = H3F3B
 H3C2 = HIST1H3B
 H3C3 = HIST1H3C

	GYNAECO PANEL	SOLID PANEL										BRAIN PANEL		
	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA SOFT TISSUE (GIST)	SARCOMA + MELO	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA MEDULLOBLASTOMA	MYELOID	LYMFROID	ALL CONSTITUTIONAL
IDH1														
IDH2														
IGF1R														
IGLL5														
IHH														
IKZF1														
IL4R														
IL6ST														
IL7R														
INO80														
IRF4														
IRF8														
ITPKB														
JAK1														
JAK2														
JAK3														
JUNB														
KCNG1														
KDM5A														
KDM5C														
KDM6A														
KDM6B														
KDR														
KEAP1														
KIF1B														
KIT														
KLF2														
KLF4														
KMT2A														
KMT2C														
KMT2D														
KRAS														
KRIT1														
LATS1														
LATS2														
LEMD3														
LRBA														
LRP1B														
LRRK2														
LSAMP														
LTB														
LYST														
LZTR1														
MAP2K1														
MAP2K2														
MAP2K4														
MAP3K8														
MAPK1														
MAPK3														
MAX														
MC1R														
MCL1														
MDH2														
MDM2														
MDM4														
MED12														
MEF2B														
MEN1														
MET														

KMT2D = MLL2

	GYNAECO PANEL	SOLID PANEL										BRAIN PANEL				
	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA	SOFT TISSUE (GIST)	SARCOMA + MELO	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA	MEDULLOBLASTOMA	MYELOID	LYMFROID	ALL CONSTITUTIONAL
MITF																
MLH1																
MPL																
MRE11																
MSC																
MSH2																
MSH6																
MTAP																
MTOR																
MUTYH																
MYB																
MYC																
MYCN																
MYD88																
MYH9																
MYOD1																
NBEAL2																
NBN																
NF1																
NF2																
NFKB1																
NFKB2																
NFKBIA																
NFKBIE																
NKX2-1																
NOL9																
NOTCH1																
NOTCH2																
NOTCH3																
NPM1																
NRAS																
NSD2																
NTRK1																
NTRK2																
NTRK3																
NUDT15																
NUTM1																
PAK1																
PALB2																
PAX5																
PAX8																
PBRM1																
PDCD1																
PDCD10																
PDGFRA																
PDGFRB																
PHOX2B																
PIK3CA																
PIK3CB																
PIK3CD																
PIK3R1																
PIM1																
PLCB4																
PLCG1																
PLCG2																
PMS1																
PMS2																
POLD1																
POLE																

MRE11 = MRE11A

PMS1 = MLH2
PMS2 = MLH4

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	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA SOFT TISSUE (GIST)	SARCOMA + MELA	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA	MEDULLOBLASTOMA	MYELOID	LYMFROID	ALL CONSTITUTIONAL
POLR2A															
POT1															
PPM1D															
PPP2R2A															
PPP6C															
PRDM1															
PRF1															
PRKAR1A															
PRKCB															
PRKD2															
PTCH1															
PTCH2															
PTEN															
PTPN1															
PTPN11															
PTPRB															
PTPRD															
RAB35															
RAC1															
RAD50															
RAD51															
RAD51B															
RAD51C															
RAD51D															
RAD54L															
RAF1															
RASAL1															
RB1															
RET															
RHOA															
RICTOR															
RNF43															
ROBO1															
ROBO2															
ROS1															
RPS15															
RUNX1															
RYR1															
SAMD9															
SAMD9L															
SDHA															
SDHAF2															
SDHB															
SDHC															
SDHD															
SETBP1															
SETD2															
SF3B1															
SGK1															
SLC25A11															
SLC29A3															
SLIT2															
SMAD4															
SMARCA2															
SMARCA4															
SMARCB1															
SMO															
SOCS1															
SPEN															

RAF1 = CRAF

RET = MEN2

SMAD4 = MADH4

	GYNAECO PANEL	SOLID PANEL								BRAIN PANEL					
	BREAST OVARY ENDOMETRIUM	DIGESTION MELANOMA SOFT TISSUE (GIST)	SARCOMA + MELO	KIDNEY	PHEOCHROMOCYTOMA	NEURO ENDOCRIN	LUNG	THYROID	PGx	HRR	GLIOMA	MEDULLOBLASTOMA	MYELOID	LYMFOID	ALL CONSTITUTIONAL
SPOP															
SRC															
SRSF2															
STAG2															
STARD9															
STARD13															
STAT1															
STAT3															
STAT5B															
STAT6															
STK11															
SUFU															
SUZ12															
SYK															
SYNE1															
TBL1XR1															
TCF3															
TEK															
TENT5C															
TERC															
TERF2IP															
TERT															
TET2															
TET3															
TGFBR2															
TMEM127															
TNFAIP3															
TNFRSF13B															
TNFRSF14															
TP53															
TPMT															
TRAF2															
TRAF3															
TRAF7															
TRRAP															
TSC1															
TSC2															
TSHR															
U2AF1															
UBA1															
UBR5															
UGT1A1															
USP13															
VAV1															
VHL															
WAS															
WT1															
WWOX															
XPO1															
XRCC2															
YEATS2															
ZRSR2															

TENT5C = FAM46C

WAS = XLN/XLT