

Supplemental material

**APPENDIX 5: Virtual gene panel for WGS analysis and interpretation**

ACD	EXT2	NHP2	RPS28
AIP	FAAP100	NOP10	RPS29
ALK	FANCA	NRAS	RPS7
ANKRD26	FANCB	NSD1	RTEL1
APC	FANCC	NTHL1	RUNX1
ATM	FANCD2	PALB2	SAMD9
AXIN2	FANCE	PARN	SAMD9L
BAP1	FANCF	PAX5	SBDS
BARD1	FANCG	PDGFRA	SDHA
BLM	FANCI	PHOX2B	SDHAF2
BMPR1A	FANCL	PMS2	SDHB
BRAF	FANCM	POLD1	SDHC
BRCA1	FAS	POLE	SDHD
BRCA2	FGFR2	POT1	SETBP1
BRIP1	FH	PRF1	SH2B3
BUB1B	FLCN	PRKAR1A	SHOC2
CBL	GATA1	PTCH1	SLX4
CDC73	GATA2	PTEN	SMAD4
CDH1	GPC3	PTPN11	SMARCA4
CDK4	GPR161	RAD51	SMARCB1
CDKN1B	GREM1	RAD51C	SMARCE1
CDKN1C	HAVCR2	RAD51D	SOS1
CDKN2A	HAX1	RAF1	SPRED1
CEBPA	HOXB13	RB1	SPRTN
CHEK2	HRAS	RECQL4	SRP72
CREBBP	IKZF1	REST	STAT3
CTC1	KCNQ1OT1	RET	STK11
CTR9	KIT	RFWD3	STN1
CXCR4	KRAS	RHBDF2	SUFU
CYLD	LZTR1	RIT1	TERC
DDB2	MAD2L2	RMRP	TERT
DDX41	MAP2K1	RPL11	TINF2
DICER1	MAP2K2	RPL15	TMEM127
DIS3L2	MAX	RPL23	TP53
DKC1	MBD4	RPL26	TRIM28
EGFR	MEN1	RPL27	TSC1
ELANE	MET	RPL31	TSC2
ELP1	MITF	RPL35A	TSR2
ENG	MLH1	RPL36	UBE2T
EP300	MPL	RPL5	VHL
EPCAM	MSH2	RPS10	WAS
ERCC1	MSH6	RPS15	WRAP53
ERCC2	MTAP	RPS17	WRN
ERCC3	MUTYH	RPS19	WT1
ERCC4	NAF1	RPS24	XPA
ERCC5	NBN	RPS26	XPC
ETV6	NF1	RPS27	XRCC2
EXT1	NF2	RPS27A	

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