

廣泛型癌症標靶藥物基因檢測 (Comprehensive genomic cancer panel)

Small DNA Variants										Copy number variations	Fusions
517 genes										59 genes	55 genes
ABL1	CCND1	EIF4A2	FH	ICOSLG	MDM2	PAX7	RAD54L	STAG2	AKT2	ABL1	
ABL2	CCND2	EIF4E	FLCN	ID3	MDM4	PAX8	RAF1	STAT3	ALK	AKT3	
ACVR1	CCND3	EML4	FLI1	IDH1	MED12	PBRM1	RANBP2	STAT4	AR	ALK	
ACVR1B	CCNE1	EP300	FLT1	IDH2	MEF2B	PDCD1	RARA	STAT5A	ATM	AR	
AKT1	CD274	EPCAM	FLT3	IFNGR1	MEN1	PDCD1LG	RASA1	STAT5B	BRAF	AXL	
AKT2	CD276	EPHA3	FLT4	IGF1	MET	2	RB1	STK11	BRCA1	BCL2	
AKT3	CD74	EPHA5	FOXA1	IGF1R	MGA	PDGFRA	RBM10	STK40	BRCA2	BRAF	
ALK	CD79A	EPHA7	FOXL2	IGF2	MITF	PDGFRB	RECQL4	SUFU	CCND1	BRCA1	
ALOX12B	CD79B	EPHB1	FOXO1	IKBKE	MLH1	PDK1	REL	SUZ12	CCND3	BRCA2	
ANKRD11	CDC73	ERBB2	FOXP1	IKZF1	MLL	PDPK1	RET	SYK	CCNE1	CDK4	
ANKRD26	CDH1	ERBB3	FRS2	IL10	MLLT3	PGR	RFWD2	TAF1	CDK4	CSF1R	
APC	CDK12	ERBB4	FUBP1	IL7R	MPL	PHF6	RHEB	TBX3	CDK6	EGFR	
AR	CDK4	ERCC1	FYN	INHA	MRE11A	PHOX2B	RHOA	TCEB1	CHEK1	EML4	
ARAF	CDK6	ERCC2	GABRA6	INHBA	MSH2	PIK3C2B	RICTOR	TCF3	CHEK2	ERBB2	
ARFRP1	CDK8	ERCC3	GATA1	INPP4A	MSH3	PIK3C2G	RIT1	TCF7L2	EGFR	ERG	
ARID1A	CDKN1A	ERCC4	GATA2	INPP4B	MSH6	PIK3C3	RNF43	TERC	ERBB2	ESR1	
ARID1B	CDKN1B	ERCC5	GATA3	INSR	MST1	PIK3CA	ROS1	TERT	ERBB3	ETS1	
ARID2	CDKN2A	ERG	GATA4	IRF2	MST1R	PIK3CB	RPS6KA4	TET1	ERCC1	ETV1	
ARID5B	CDKN2B	ERRF1	GATA6	IRF4	MTOR	PIK3CD	RPS6KB1	TET2	ERCC2	ETV4	
ASXL1	CDKN2C	ESR1	GEN1	IRS1	MUTYH	PIK3CG	RPS6KB2	TFE3	ESR1	ETV5	
ASXL2	CEBPA	ETS1	GID4	IRS2	MYB	PIK3R1	RPTOR	TFRC	FGF1	EWSR1	
ATM	CENPA	ETV1	GLI1	JAK1	MYC	PIK3R2	RUNX1	TGFBR1	FGF10	FGFR1	
ATR	CHD2	ETV4	GNA11	JAK2	MYCL1	PIK3R3	RUNX1T1	TGFBR2	FGF14	FGFR2	
ATRX	CHD4	ETV5	GNA13	JAK3	MYCN	PIM1	RYBP	TMEM127	FGF19	FGFR3	
AURKA	CHEK1	ETV6	GNAQ	JUN	MYD88	PLCG2	SDHA	TMPSR2	FGF2	FGFR4	
AURKB	CHEK2	EWSR1	GNAS	KAT6A	MYO1D	PLK2	SDHAF2	TNFAIP3	FGF23	FLI1	
AXIN1	CIC	EZH2	GPR124	KDM5A	NAB2	PMAIP1	SDHB	TNFRSF14	FGF3	FLT1	
AXIN2	CREBBP	FAM123B	GPS2	KDM5C	NBN	PMS1	SDHC	TOP1	FGF4	FLT3	
AXL	CRKL	FAM175A	GREM1	KDM6A	NCOA3	PMS2	SDHD	TOP2A	FGF5	JAK2	
B2M	CRLF2	FAM46C	GRIN2A	KDR	NCOR1	PNRC1	SETBP1	TP53	FGF6	KDR	
BAP1	CSF1R	FANCA	GRM3	KEAP1	NEGR1	POLD1	SETD2	TP63	FGF7	KIF5B	
BARD1	CSF3R	FANCC	GSK3B	KEL	NF1	POLE	SF3B1	TRAF2	FGF8	KIT	
BBC3	CSNK1A1	FANCD2	H3F3A	KIF5B	NF2	PPARG	SH2B3	TRAF7	FGF9	MET	
BCL10	CTCF	FANCE	H3F3B	KIT	NFE2L2	PPM1D	SH2D1A	TSC1	FGFR1	MLL	
BCL2	CTLA4	FANCF	H3F3C	KLF4	NFKBIA	PPP2R1A	SHQ1	TSC2	FGFR2	MLLT3	
BCL2L1	CTNNA1	FANCG	HGF	KLHL6	NKX2-1	PPP2R2A	SLIT2	TSHR	FGFR3	MSH2	
BCL2L11	CTNNB1	FANCI	HIST1H1C	KRAS	NKX3-1	PPP6C	SLX4	U2AF1	FGFR4	MYC	
BCL2L2	CUL3	FANCL	HIST1H2BD	LAMP1	NOTCH1	PRDM1	SMAD2	VEGFA	JAK2	NOTCH1	
BCL6	CUX1	FAS	HIST1H3A	LATS1	NOTCH2	PREX2	SMAD3	VHL	KIT	NOTCH2	
BCOR	CXCR4	FAT1	HIST1H3B	LATS2	NOTCH3	PRKAR1A	SMAD4	VTCN1	KRAS	NOTCH3	
BCORL1	CYLD	FBXW7	HIST1H3C	LMO1	NOTCH4	PRKCI	SMARCA4	WISP3	LAMP1	NRG1	
BCR	DAXX	FGF1	HIST1H3D	LRP1B	NPM1	PRKDC	SMARCB1	WT1	MDM2	NTRK1	
BIRC3	DCUN1D1	FGF10	HIST1H3E	LYN	NRAS	PRSS8	SMARCD1	XIAP	MDM4	NTRK2	
BLM	DDR2	FGF14	HIST1H3F	LZTR1	NRG1	PTCH1	SMC1A	XPO1	MET	NTRK3	
BMPR1A	DDX41	FGF19	HIST1H3G	MAGI2	NSD1	PTEN	SMC3	XRCC2	MYC	PAX3	
BRAF	DHX15	FGF2	HIST1H3H	MALT1	NTRK1	PTPN11	SMO	YAP1	MYCL1	PAX7	
BRCA1	DICER1	FGF23	HIST1H3I	MAP2K1	NTRK2	PTPRD	SNCAIP	YES1	MYCN	PDGFRA	
BRCA2	DIS3	FGF3	HIST1H3J	MAP2K2	NTRK3	PTPRS	SOC3	ZBTB2	NRAS	PDGFRB	
BRD4	DNAJB1	FGF4	HIST2H3A	MAP2K4	NUP93	PTPRT	SOX10	ZBTB7A	NRG1	PIK3CA	
BRIP1	DNMT1	FGF5	HIST2H3C	MAP3K1	NUTM1	QKI	SOX17	ZFH3	PDGFRA	PPARG	
BTG1	DNMT3A	FGF6	HIST2H3D	MAP3K13	PAK1	RAB35	SOX2	ZNF217	PDGFRB	RAF1	
BTK	DNMT3B	FGF7	HIST3H3	MAP3K14	PAK3	RAC1	SOX9	ZNF703	PIK3CB	RET	
C11orf30	DOT1L	FGF8	HNF1A	MAP3K4	PAK7	RAD21	SPEN	ZRSR2	PTEN	ROS1	
CALR	E2F3	FGF9	HNRNPK	MAPK1	PALB2	RAD50	SPOP		RET	RPS6KB1	
CARD11	EED	FGFR1	HOXB13	MAPK3	PARK2	RAD51	SPTA1		RAF1	TMPRSS2	
CASP8	EGFL7	FGFR2	HRAS	MAPK3	PARP1	RAD51B	SRC		RICTOR		
CBFB	EGFR	FGFR3	HSD3B1	MCL1	PAX3	RAD51C	SRSF2		RPS6KB1		
CBL	EIF1AX	FGFR4	HSP90AA1	MDC1	PAX5	RAD51D	STAG1		TFRC		