

# ACTOnco® + 廣泛型癌症基因檢測 440 Gene list

ABCB1	BRCA1	CIC	FAM46C	HNF1A	MAPK1	PARP1	RAD51	SUFU
ABCC2	BRCA2	CREBBP	FANCA	HR	MAPK3	PAX5	RAD51B	SYK
ABCG2	BRD4	CRKL	FANCC	HRAS	MAX	PAX8	RAD51C	SYNE1
ABL1	BRIP1	CRLF2	FANCD2	HSP90AA1	MCL1	PBRM1	RAD51D	TAF1
ABL2	BTG1	CSF1R	FANCE	HSP90AB1	MDM2	PDCD1	RAD52	TAP1
ADAMTS1	BTG2	CTCF	FANCF	HSPA4	MDM4	PDCD1LG2	RAD54L	TAP2
ADAMTS13	BTK	CTLA4	FANCG	HSPA5	MED12	PDGFRA	RAF1	TAPBP
ADAMTS15	BUB1B	CTNNA1	FANCL	IDH1	MEF2B	PDGFRB	RARA	TBX3
ADAMTS16	CALR	CTNNB1	FAS	IDH2	MEN1	PDIA3	RB1	TEK
ADAMTS18	CANX	CUL3	FAT1	IFNL3	MET	PGF	RBM10	TERT
ADAMTS6	CARD11	CYLD	FBXW7	IGF1	MITF	PHOX2B	RECQL4	TET1
ADAMTS9	CASP8	CYP1A1	FCGR2B	IGF1R	MLH1	PIK3C2B	REL	TET2
ADAMTSL1	CBFB	CYP2B6	FGF1	IGF2	MPL	PIK3C2G	RET	TGFB2
ADH1C	CBL	CYP2C19	FGF10	IKBKB	MRE11A	PIK3C3	RHOA	TMSB4X
AKT1	CCNA1	CYP2C8	FGF14	IKBKE	MSH2	PIK3CA	RICTOR	TNF
AKT2	CCNA2	CYP2D6	FGF19	IKZF1	MSH6	PIK3CB	RNF43	TNFAIP3
AKT3	CCNB1	CYP2E1	FGF23	IL6	MTHFR	PIK3CD	ROS1	TNFRSF14
ALDH1A1	CCNB2	CYP3A4	FGF3	IL7R	MTOR	PIK3CG	RPTOR	TNFSF11
ALK	CCNB3	CYP3A5	FGF4	INPP4B	MUC16	PIK3R1	RUNX1	TOP1
AMER1	CCND1	DAXX	FGF6	INSR	MUC4	PIK3R2	RUNX1T1	TP53
APC	CCND2	DCUN1D1	FGFR1	IRF4	MUC6	PIK3R3	RXRA	TPMT
AR	CCND3	DDR2	FGFR2	IRS1	MUTYH	PIM1	SDHA	TSC1
ARAF	CCNE1	DICER1	FGFR3	IRS2	MYC	PMS1	SDHB	TSC2
ARID1A	CCNE2	DNMT3A	FGFR4	JAK1	MYCL	PMS2	SDHC	TSHR
ARID1B	CCNH	DOT1L	FH	JAK2	MYCN	POLB	SDHD	TYMS
ARID2	CD19	DPYD	FLCN	JAK3	MYD88	POLD1	SERPINB3	U2AF1
ASXL1	CD274	DTX1	FLT1	JUN	NAT2	POLE	SERPINB4	UBE2A
ATM	CD58	E2F3	FLT3	KAT6A	NBN	PPARG	SETD2	UBE2K
ATR	CD70	EGFR	FLT4	KDM5A	NBPF10	PPP2R1A	SF3B1	UBR5
ATRX	CD79A	EP300	FOXL2	KDM5C	NEFH	PRDM1	SGK1	UGT1A1
AURKA	CD79B	EPCAM	FOXP1	KDM6A	NF1	PRKAR1A	SH2D1A	USH2A
AURKB	CDC73	EPHA2	FRG1	KDR	NF2	PRKCA	SLC19A1	VDR
AXIN1	CDH1	EPHA3	FUBP1	KEAP1	NFE2L2	PRKCB	SLC22A2	VEGFA
AXIN2	CDK1	EPHA5	GATA1	KIT	NFKB1	PRKCG	SLCO1B1	VEGFB
AXL	CDK12	EPHA7	GATA2	KMT2A	NFKBIA	PRKCI	SLCO1B3	VHL
B2M	CDK2	EPHB1	GATA3	KMT2C	NKX2-1	PRKCQ	SMAD2	WT1
BAP1	CDK4	ERBB2	GNA11	KMT2D	NOTCH1	PRKDC	SMAD3	XIAP
BARD1	CDK5	ERBB3	GNA13	KRAS	NOTCH2	PSMB8	SMAD4	XPO1
BCL10	CDK6	ERBB4	GNAQ	LCK	NOTCH3	PSMB9	SMARCA4	XRCC2
BCL2	CDK7	ERCC1	GNAS	LIG1	NOTCH4	PSME1	SMARCB1	ZNF217
BCL2L1	CDK8	ERCC2	GREM1	LIG3	NPM1	PSME2	SMO	
BCL2L2	CDK9	ERCC3	GRIN2A	LMO1	NQO1	PSME3	SOCS1	
BCL6	CDKN1A	ERCC4	GSK3B	LRP1B	NRAS	PTCH1	SOX2	
BCL9	CDKN1B	ERCC5	GSTP1	LYN	NSD1	PTEN	SOX9	
BCOR	CDKN2A	ERG	GSTT1	MALT1	NTRK1	PTGS2	SPEN	
BIRC2	CDKN2B	ESR1	HGF	MAP2K1	NTRK2	PTPN11	SPOP	
BIRC3	CDKN2C	ESR2	HIF1A	MAP2K2	NTRK3	PTPRD	SRC	
BLM	CEBPA	ETV1	HIST1H1C	MAP2K4	PAK3	PTPRT	STAG2	
BMPR1A	CHEK1	ETV4	HIST1H1E	MAP3K1	PALB2	RAC1	STAT3	

<b>BRAF</b>	<b>CHEK2</b>	<b>EZH2</b>	<b>HLA-C</b>	<b>MAP3K7</b>	<b>PARK2</b>	<b>RAD50</b>	<b>STK11</b>	
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