

Cell Line Efficacy	NONE	42-MG-BA	A172	AM-38	CCF-STTG1	LN-229	T98G	U-87-MG	YKG-1
High	fos CDK4 jun p16INK4a	p53	p53	fos jun p16INK4a CDK4	MDM2 p53	fos jun p16INK4a CDK4	p53	MDM2 PTEN p53 AKT PDK1 PIP3 PI3K p14ARF	p53
Medium	BCLx1 NFKB	NFKB BCLx1	BCLx1 NFKB	BCLx1 NFKB	BCLx1 NFKB	BCLx1 NFKB	BCLx1 NFKB	NFKB BCLx1	NFKB BCLx1
Low	STAT3 JAK XIAP Mcl1	p15 fos PCNA p16INK4a CDK4 CCND1 jun	FOXO CCND1 PCNA CDK4 p21 PIAS p15	Mcl1 JAK TRAF2 STAT3	p15 jun fos p16INK4a PCNA CCND1	Mcl1 JAK TRAF2 STAT3	FOXO CCND1 PCNA CDK4 p21 PIAS p15	NFKB BCLx1	p15 fos PCNA p16INK4a CDK4 CCND1 jun

Cell Line Efficacy	NONE	42-MG-BA	A172	AM-38	CCF-STTG1	LN-229	T98G	U-87-MG	YKG-1
High	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, p53	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, p14ARF p16INK4a, p53 PTEN, p16INK4a	p16INK4a, p53
Medium		p16INK4a, p21 p16INK4a, PCNA p15, p16INK4a			p16INK4a, p21 p16INK4a, PCNA p15, p16INK4a				p16INK4a, p21 p16INK4a, PCNA p15, p16INK4a
Low	p16INK4a, Bad p16INK4a, Bim FLT3, p16INK4a TRAF2, p16INK4a p16INK4a, XIAP NFKB, p16INK4a PLCb, p16INK4a p16INK4a, NF1 p16INK4a, BCLxl Grb2, p16INK4a FGF2, p16INK4a PPARa, p16INK4a	p53, Bax p53, Bak	GSK3b, p16INK4a p16INK4a, p21 FOXO, p16INK4a p16INK4a, PCNA p15, p16INK4a	JAK, p16INK4a cMyc, p16INK4a PKG, p16INK4a Notch, p16INK4a SRC, p16INK4a EDNRA, p16INK4a p16INK4a, Rac Gi, p16INK4a STAT3, p16INK4a p16INK4a, cPLA2 PLCb, p16INK4a	p53, Bax p53, Bak	JAK, p16INK4a cMyc, p16INK4a PKG, p16INK4a Notch, p16INK4a SRC, p16INK4a EDNRA, p16INK4a p16INK4a, Rac Gi, p16INK4a STAT3, p16INK4a p16INK4a, cPLA2 PLCb, p16INK4a	GSK3b, p16INK4a p16INK4a, p21 FOXO, p16INK4a p16INK4a, PCNA p15, p16INK4a	p16INK4a, p21 p16INK4a, PCNA p15, p16INK4a	p53, Bax p53, Bak

Cell Line Efficacy	NONE	42-MG-BA	A172	AM-38	CCF-STTG1	LN-229	T98G	U-87-MG	YKG-1
High	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, p53	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, Bax p16INK4a, Bak	p16INK4a, p53	p16INK4a, p53 PTEN, p16INK4a p16INK4a, p14ARF	p16INK4a, p53
Medium	TRAF2, p16INK4a p16INK4a, XIAP FGF2, p16INK4a p16INK4a, BCLx1 p16INK4a, Bim FLT3, p16INK4a PLCb, p16INK4a p16INK4a, NF1 NFKB, p16INK4a Grb2, p16INK4a PPARa, p16INK4a p16INK4a, Bad	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21 GSK3b, p16INK4a FOXO, p16INK4a	STAT3, p16INK4a JAK, p16INK4a p16INK4a, Rac SRC, p16INK4a PLCb, p16INK4a p16INK4a, cPLA2 EDNRA, p16INK4a Gi, p16INK4a Notch, p16INK4a PKG, p16INK4a cMyc, p16INK4a	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21	STAT3, p16INK4a JAK, p16INK4a p16INK4a, Rac SRC, p16INK4a PLCb, p16INK4a p16INK4a, cPLA2 EDNRA, p16INK4a Gi, p16INK4a Notch, p16INK4a PKG, p16INK4a cMyc, p16INK4a	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21 GSK3b, p16INK4a FOXO, p16INK4a	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21	p15, p16INK4a p16INK4a, PCNA p16INK4a, p21
Low		p53, Bax p53, Bak			p53, Bax p53, Bak				p53, Bax p53, Bak