

Table S3. Plasmids used in this study

Plasmids	Description	References
pKF3		Provided by Swaney K.
pKF3-hPTEN	hPTEN was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/XhoI</i> pKF3	Nguyen <i>et al.</i> (2013)
pKF3-A4	A4 was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/XhoI</i> pKF3	Nguyen <i>et al.</i> (2013)
pKF3-S10N	hPTEN was mutated using primers HuPTEN5BamHI2, HuPTEN3XhoI2, and PTEN-S10N-f, and inserted into <i>BglIII/XhoI</i> pKF3	This study
pKF3-G20E	hPTEN was mutated using primers HuPTEN5BamHI2, HuPTEN3XhoI2, PTEN-G20E-f and PTEN-G20E-r, and inserted into <i>BglIII/XhoI</i> pKF3	This study
pJK1-L42R		This study
pKF3-L42R	L42R was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/XhoI</i> pKF3	This study
pKF3-F90S	hPTEN was mutated using primers HuPTEN5BamHI2, HuPTEN3XhoI2, PTEN-F90S-f and PTEN-F90S-r, and inserted into <i>BglIII/XhoI</i> pKF3	This study
pKF3-CBR3(K5A)		Nguyen <i>et al.</i> (2013)
pKF3-S10N, A4	S10N was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/NheI</i> pKF3-A4	This study
pKF3-G20E, A4	G20E was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/NheI</i> pKF3-A4	This study
pKF3-L42R, A4	L42R was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/NheI</i> pKF3-A4	This study
pKF3-F90S, A4	F90S was amplified using primers HuPTEN5BamHI2 and HuPTEN3XhoI2, and inserted into <i>BglIII/NheI</i> pKF3-A4	This study
pKF3-CBR3(K5A), A4		Nguyen <i>et al.</i> (2013)
pcDNA3.1-hPTEN		Nguyen <i>et al.</i> (2013)
pcDNA3.1- A4		Nguyen <i>et al.</i> (2013)
pcDNA3.1- C124S, A4		Nguyen <i>et al.</i> (2013)
pcDNA3.1-S10N	S10N-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-G20E	G20E-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-L42R	L42R-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-F90S	F90S-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-CBR3(K5A)	CBR3(K5A)-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r and inserted into pcDNA3.1	This study
pcDNA3.1-S10N, A4	S10N, A4-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-G20E, A4	G20E, A4-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-L42R, A4	L42R, A4-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study

pcDNA3.1-F90S, A4	F90S, A4-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-CBR3(K5A), A4	CBR3(K5A), A4-GFP was amplified using primers PTEN-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pcDNA3.1-hPTEN ₃₅₂₋₄₀₃ -YFP-FLAG		Rahdar <i>et al.</i> (2009)
pHR-SIN-hPTEN	hPTEN-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-C124S	C124S-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-S10N	S10N-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-G20E	G20E-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-L42R	L42R-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-F90S	F90S-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pHR-SIN-CBR3(K5A)	CBR3(K5A)-GFP was amplified using primers PTEN-BamHI-Kozak-f and GFP-NotI-r, and inserted into <i>BamHI/NotI</i> pHR-SIN-CSGW	This study
pKF3-Myr(PkbR1 ₁₋₅₄)	1-54 aa sequence of PkbR1 was amplified using primers pkbR-BamHI-Start and pkbR-XhoI-BgIII-162-145-2 and inserted into <i>BgIII/XhoI</i> pKF3	This study
pKF3-Myr-A4	A4 was amplified using primers PTEN-PkbR1-BamHI and HuPTEN3XhoI2, and inserted into <i>BgIII/XhoI</i> pKF3-Myr(PkbR1 ₁₋₅₄)	This study
pcDNA3.1-Myr-A4	Myr-A4-GFP was amplified using primers PkbR1-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pKF3-Myr-S10N, A4	S10N, A4 was amplified using primers PTEN-PkbR1-BamHI and HuPTEN3XhoI2, and inserted into <i>BgIII/XhoI</i> pKF3-Myr(PkbR1 ₁₋₅₄)	This study
pcDNA3.1-Myr-S10N, A4	Myr-S10N, A4-GFP was amplified using primers PkbR1-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pKF3-Myr-G20E, A4	G20E, A4 was amplified using primers PTEN-PkbR1-BamHI and HuPTEN3XhoI2, and inserted into <i>BgIII/XhoI</i> pKF3-Myr(PkbR1 ₁₋₅₄)	This study
pcDNA3.1-Myr-G20E, A4	Myr-G20E, A4-GFP was amplified using primers PkbR1-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pKF3-Myr-L42R, A4	L42R, A4 was amplified using primers PTEN-PkbR1-BamHI and HuPTEN3XhoI2 and inserted into <i>BgIII/XhoI</i> pKF3-Myr(PkbR1 ₁₋₅₄)	This study
pcDNA3.1-Myr-L42R, A4	Myr-A4-GFP was amplified using primers PkbR1-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study
pKF3-Myr-F90S, A4	F90S, A4 was amplified using primers PTEN-PkbR1-BamHI and HuPTEN3XhoI2, and inserted into <i>BgIII/XhoI</i> pKF3-Myr(PkbR1 ₁₋₅₄)	This study
pcDNA3.1-Myr-F90S, A4	Myr-F90S, A4-GFP was amplified using primers PkbR1-TOPO-f and GFP-TOPO-r, and inserted into pcDNA3.1	This study

