

Table 1 Source data

siRNA	Vector expressing:	
WRN	Myc-WT-WRN	(no UV)
		18.4
		17.6
		15.7
WRN	Myc-WT-WRN	(+UV)
		47.8
		42.4
		50.6
WRN	Myc-E84A-WRN	(+UV)
		68.3
		78.6
		74.2
WRN	Myc-K577A-WRN	(+UV)
		75.6
		78.5
		80.4
WRN	Myc-E84A,K577A-WRN	(+UV)
		108.7
		98.6
		102.6
WRNIP1	Flag-WT-WRNIP1	(+UV)
		45.3
		44.2
		48.4
WRNIP1	Flag-K274A-WRNIP1	(+UV)
		86.8
		77.9
		73.7
WRN + WRNIP1	Myc-E84A-WRN + Flag-K274A-WRNIP1	(+UV)
		94.2
		111.6
		102.8
WRN + WRNIP1	Myc-K577A-WRN + Flag-K274A-WRNIP1	(+UV)
		102.6

		106.6	
		106.9	
		108.2	
WRN + WRNIP1	Myc-E84A,K577A-WRN + Flag-K274A-WRNIP1		(+UV)
		136.4	
		129.2	
		140.6	
		138.8	
WRN + Polθ	Myc-WT-WRN		(+UV)
		22.1	
		19.4	
		18.2	
WRN + Polθ	Myc-E84A-WRN		(+UV)
		49.8	
		50.2	
		52.1	
		46.8	
WRN + Polθ	Myc-K577A-WRN		(+UV)
		56.8	
		54.7	
		51.4	
WRN + Polθ	Myc-E84A,K577A-WRN		(+UV)
		81	
		76	
		73.6	
		82.4	
WRNIP1 + Polθ	Flag-WT-WRNIP1		(+UV)
		23.1	
		20.4	
		18.2	
WRNIP1 + Polθ	Flag-K277A-WRNIP1		(+UV)
		62.4	
		54.7	
		63.2	
ART558 (20μM)			(+UV)
		19.9	
		21.2	
		20.8	

WRN + WRNIP1/ART558 (20μM)	Myc-E84A-WRN + Flag-K274A-WRNIP1	(+UV)
	78.3	
	76	
	77.3	
WRN + WRNIP1/ART558 (20μM)	Myc-K577A-WRN + Flag-K274A-WRNIP1	(+UV)
	80.5	
	77.3	
	78.8	