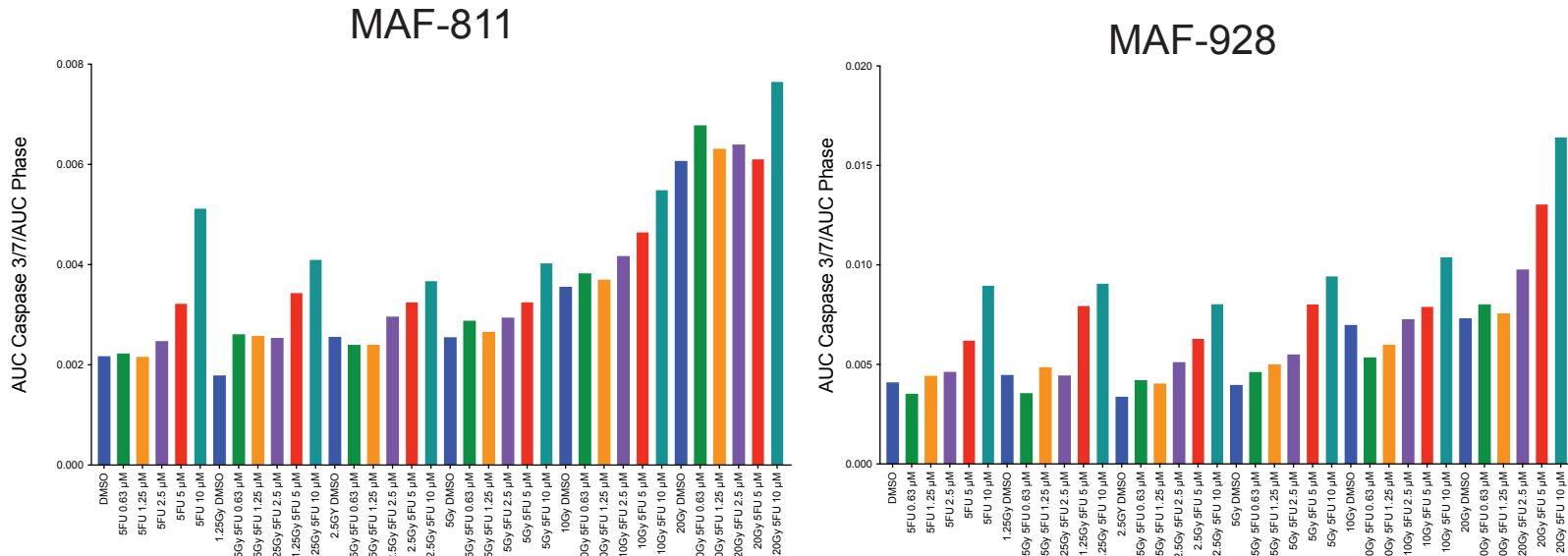


Figure S2

A

		5FU (uM)					
		0	0.63	1.25	2.5	5	10
MAF-811		1.25	0.81	0.87	0.94	0.84	0.60
		2.5	0.62	0.77	0.86	1.05	0.60
	RT (Gy)	5	2.42	2.19	2.58	1.74	1.24
		10	1.27	0.87	0.76	0.45	0.38
		20	0.91	0.48	0.47	0.20	0.00
		5FU (uM)					
		0	0.63	1.25	2.5	5	10
MAF-928		1.25	2.75	0.58	0.73	0.91	1.15
		2.5	0.58	0.79	0.72	0.96	1.25
	RT (Gy)	5	0.90	0.63	0.91	0.85	1.00
		10	0.97	1.01	0.77	0.92	0.81
		20	1.05	0.97	0.71	0.80	0.48

B



**Supplemental Figure 2. Combination of radiation with 5FU is synergistic in 1q+ PFA cell lines.** A. Synergy calculations from proliferation area under the curve values after 10 days of radiation and 5FU treatments. The combination index was calculated by the Chou-Talalay equation, which takes into account both the potency (IC50) and shape of the dose-effect curve (the M-value). Combination index values less than 1, equal to 1, and more than 1 indicate synergism, additive effect, and antagonism, respectively. B. Cleaved caspase3/7 counts were taken every 4 hours during the proliferation experiment. The area under the curve (AUC) was calculated for both cleaved caspase 3/6 counts and phase confluency after 10 days for growth. AUC caspase was normalized to AUC phase to account for change in number of cells over time.