

Supplementary Table S1. Results of Synergy and Sensitivity Testing

			ZIP (p=2.10e-20)	HSA (p=5.13e-23)	Bliss (p=6.52e-19)	Loewe (p=9.77e-18)		Relative Inhibition (RI)	Combined Sensitivity Score (CSS)	
GBM6	oHSV + OSI906	Mean	35.92	22.8	33.8	19.26	oHSV	5.67	34.1	
		95% CI	(33.21,38.63)	(20.77, 24.83)	(30.75, 36.85)	(17.50, 21.01)				
	oHSV + RTx	Mean	29.07	12.22	25.16	12.87	OSI-906	-1.24		
		95% CI	(27.01,31.14)	(9.39,15.05)	(22.76,27.56)	(10.64, 15.10)				
	OSI906 + RTx	Mean	32.63	11.83	28.86	14.59	RTx	-8.46		
		95% CI	(29.22,36.04)	(8.40,15.25)	(26.01, 31.71)	(11.65, 17.52)				
	oHSV + OSI-906 + RTx	Mean	42.47	32.26	50.01	25.19	Where CSS > RI = synergy/sensitization			
		95% CI	(40.09,44.84)	(30.74, 33.78)	(46.92, 53.09)	(23.50, 26.87)				
			(p=8.36e-04)	(p=1.05e-15)	(p=3.56e-3)	(p=1.77e-18)				
MDA-MB-231	oHSV + OSI906	Mean	-4.61	5.99	-4.37	5.07	oHSV	16.4	40.08	
		95% CI	(-5.98, -3.23)	(4.01, 7.97)	(-6.11, -2.62)	(3.34, 6.80)				
	oHSV + RTx	Mean	-2.7	4.98	-3.39	-0.73	OSI-906	29.46		
		95% CI	(-4.39, -1.01)	(3.42, 6.54)	(-4.60, -2.19)	(-3.88, 2.42)				
	OSI906 + RTx	Mean	7.63	20.46	10.24	20.74	RTx	19.96		
		95% CI	(4.69, 10.57)	(16.07, 24.84)	(5.56, 14.93)	(17.05, 24.44)				
	oHSV + OSI-906 + RTx	Mean	-3.64	15.33	-3.74	15.12	Where CSS > RI = synergy/sensitization			
		95% CI	(-4.64, -2.63)	(14.14, 16.51)	(-4.96, -2.52)	(14.16, 16.08)				
			(p=5.03e-20)	(p=1.65e-34)	(p=2.41e-19)	(p=3.41e-28)				
GBM28	oHSV + OSI906	Mean	-3.43	2.75	-3.77	0.68	oHSV	7.5	36.39	
		95% CI	(-3.93, -2.93)	(1.86, 3.62)	(-4.28, -3.27)	(-0.16, 1.51)				
	oHSV + RTx	Mean	-2.54	4.71	-2.15	1.09	OSI-906	27.01		
		95% CI	(-3.12, -1.95)	(3.14, 6.28)	(-2.78, -1.52)	(-0.04, 2.22)				
	OSI906 + RTx	Mean	-4.55	9.57	-5.41	6.66	RTx	25.68		
		95% CI	(-5.64, -3.46)	(8.27, 10.86)	(-6.70, -4.12)	(5.36, 7.97)				
	oHSV + OSI-906 + RTx	Mean	-5.41	13.43	-5.31	9.63	Where CSS > RI = synergy/sensitization			
		95% CI	(-5.83, -4.99)	(12.85, 14)	(-5.74, -4.89)	(9.10, 10.16)				