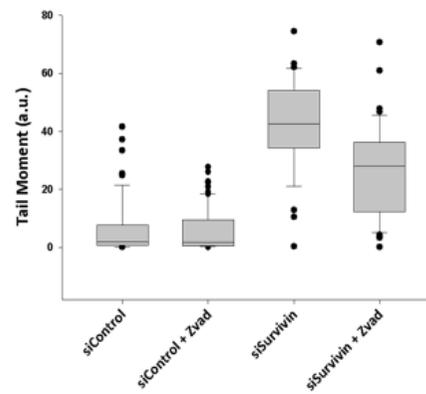
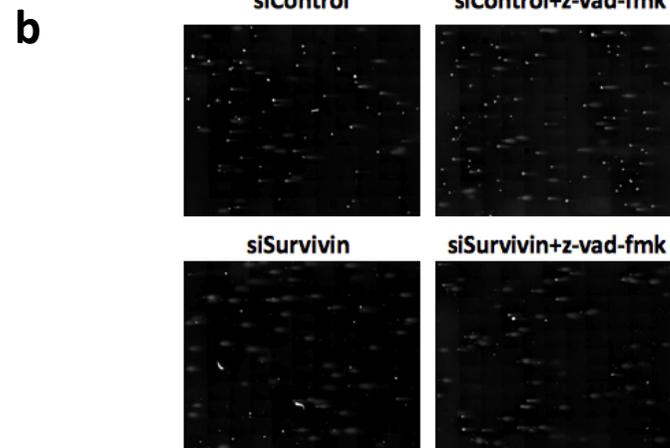
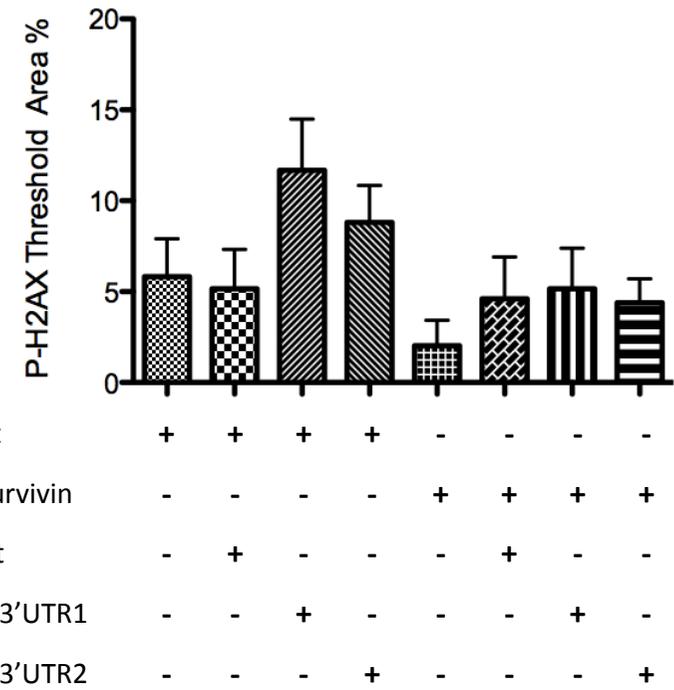
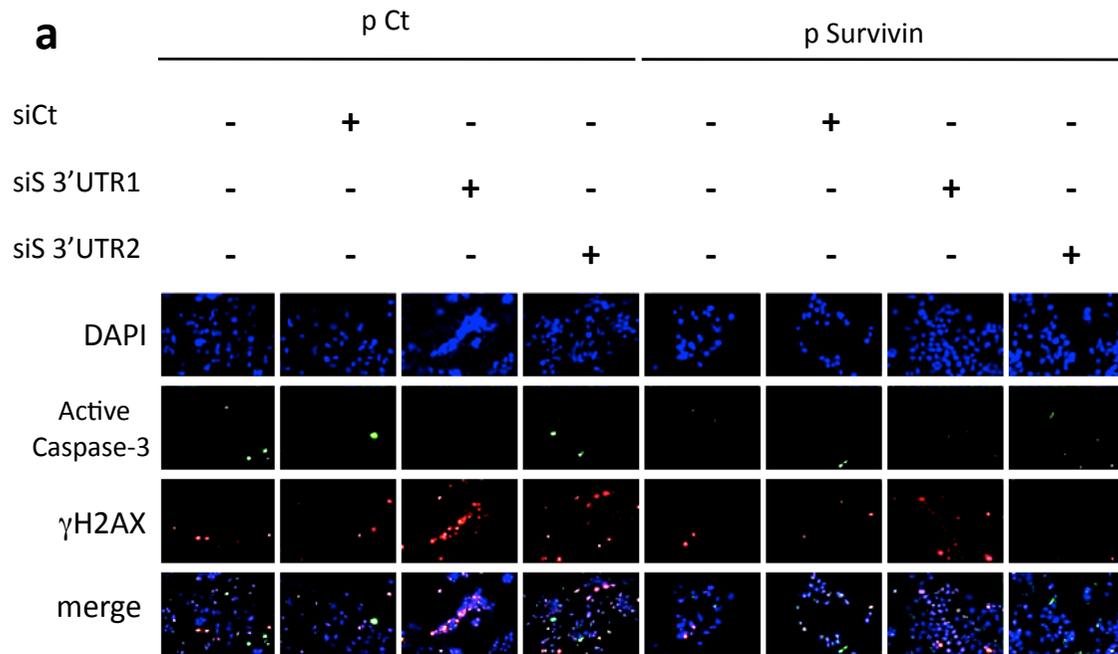


Supplementary Figure 1



Supplementary Figure 2

a

Correlation table		Parameters	EME1	EXO1	BLM	RAD51	BRCA1	MUS81
BIRC5	r		0.47	0.55	0.51	0.44	0.28	0.08
BIRC5	p		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
BIRC5	No		2484	5510	5263	5609	4752	4982
EME1	r			0.40	0.46	0.36	0.26	0.07
EME1	p			< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0008
EME1	No			2484	2484	2484	2313	2484
EXO1	r				0.51	0.45	0.26	0.05
EXO1	p				< 0.0001	< 0.0001	< 0.0001	0.0001
EXO1	No				5164	5510	4653	4982
BLM	r					0.43	0.22	0.17
BLM	p					< 0.0001	< 0.0001	< 0.0001
BLM	No					5263	4752	4636
RAD51	r						0.23	0.07
RAD51	p						< 0.0001	< 0.0001
RAD51	No						4752	4982
BRCA1	r							0.02
BRCA1	p							0.1170
BRCA1	No							4125

b

