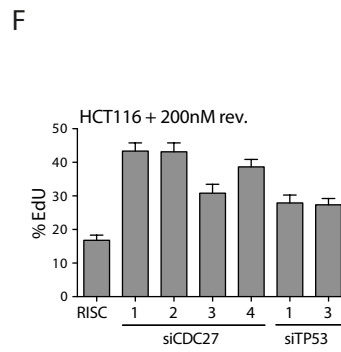
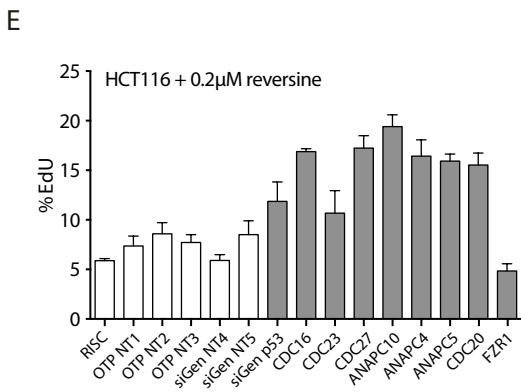
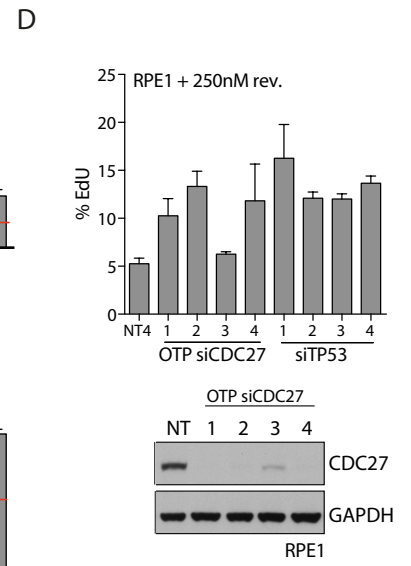
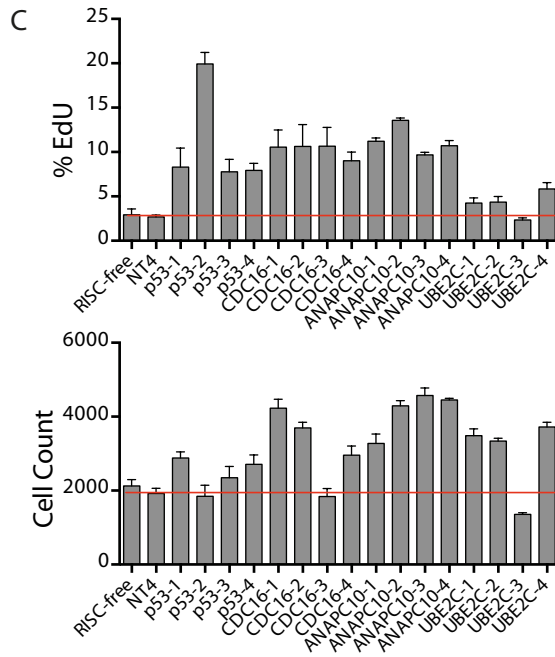


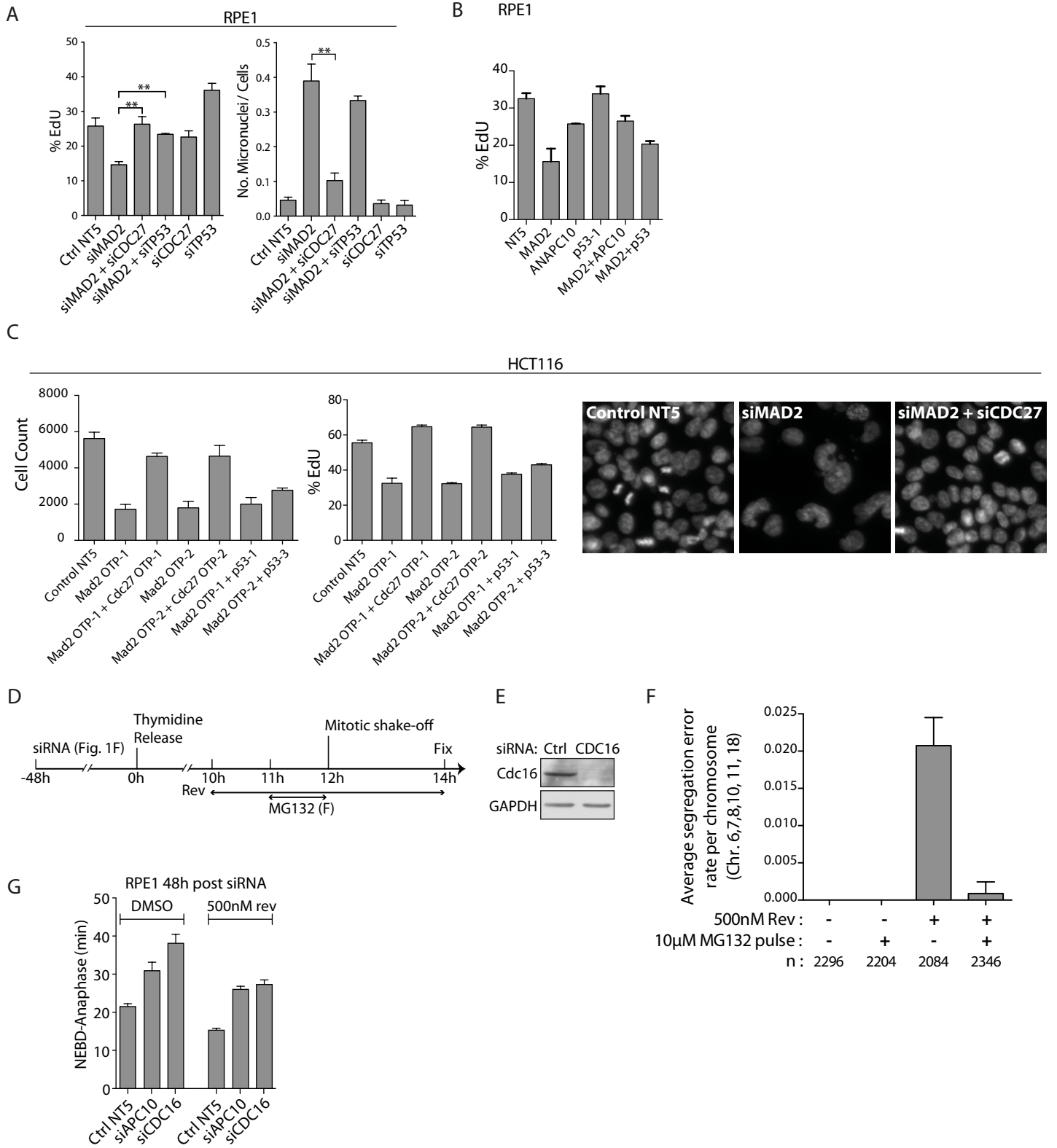
B

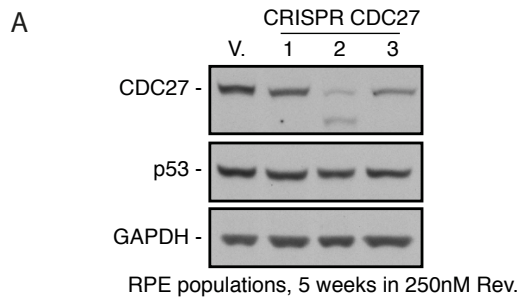
RPE: siRNA deconvolution

Gene	siGen	OTP
TP53	4/4	4/4
CDKN1A	2/4	1/4
ANAPC1	1/4	3/4
ANAPC5	nd	4/4
ANAPC10	4/4	nd
CDC16	4/4	nd
CDC23	4/4	nd
CDC27	3/4	3/4
UBE2C	3/4	nd
CDC20*	4/4	nd

*only in 500nM rev
or transfected 4nM instead of 40nM

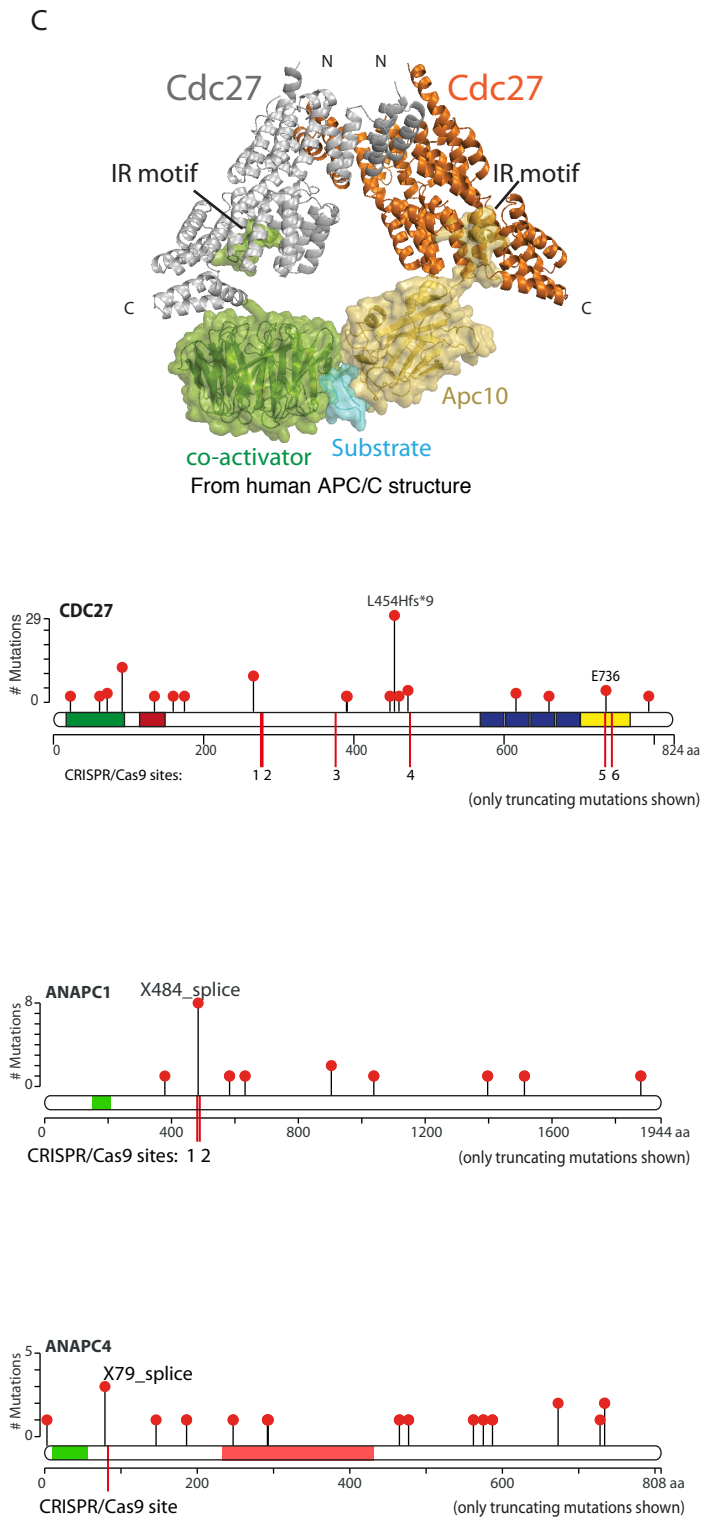
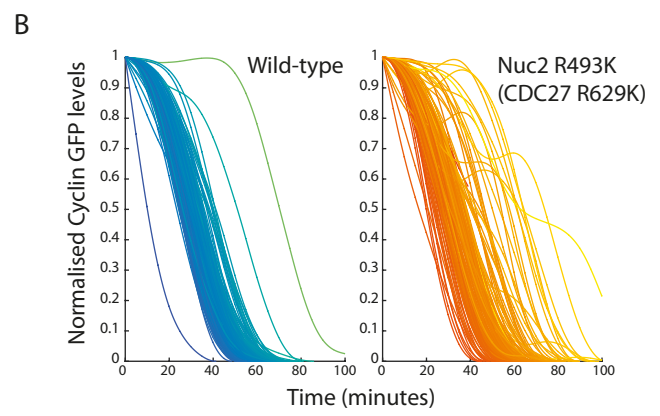
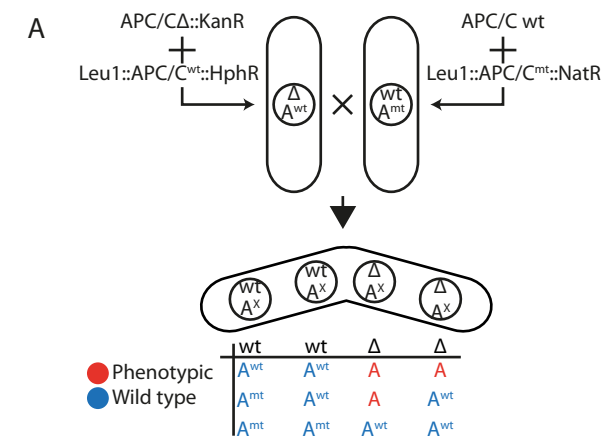




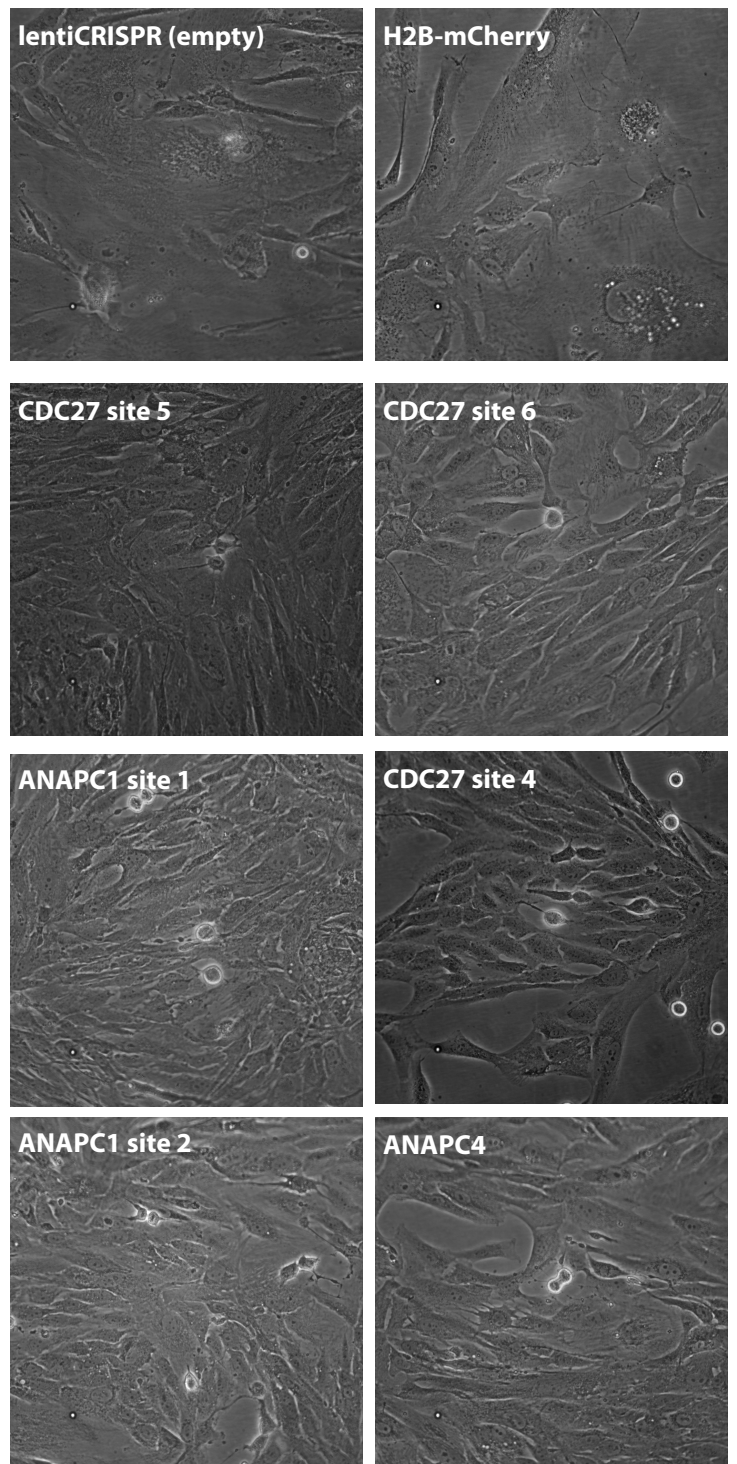


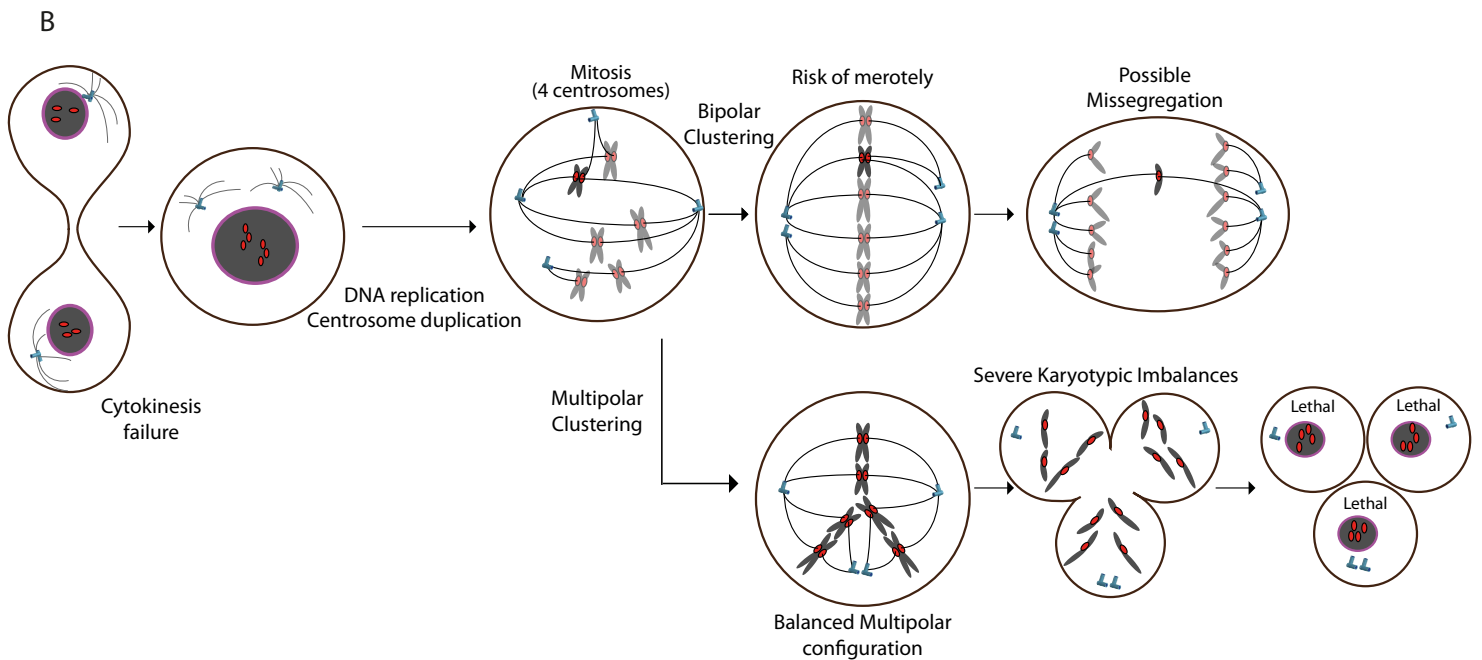
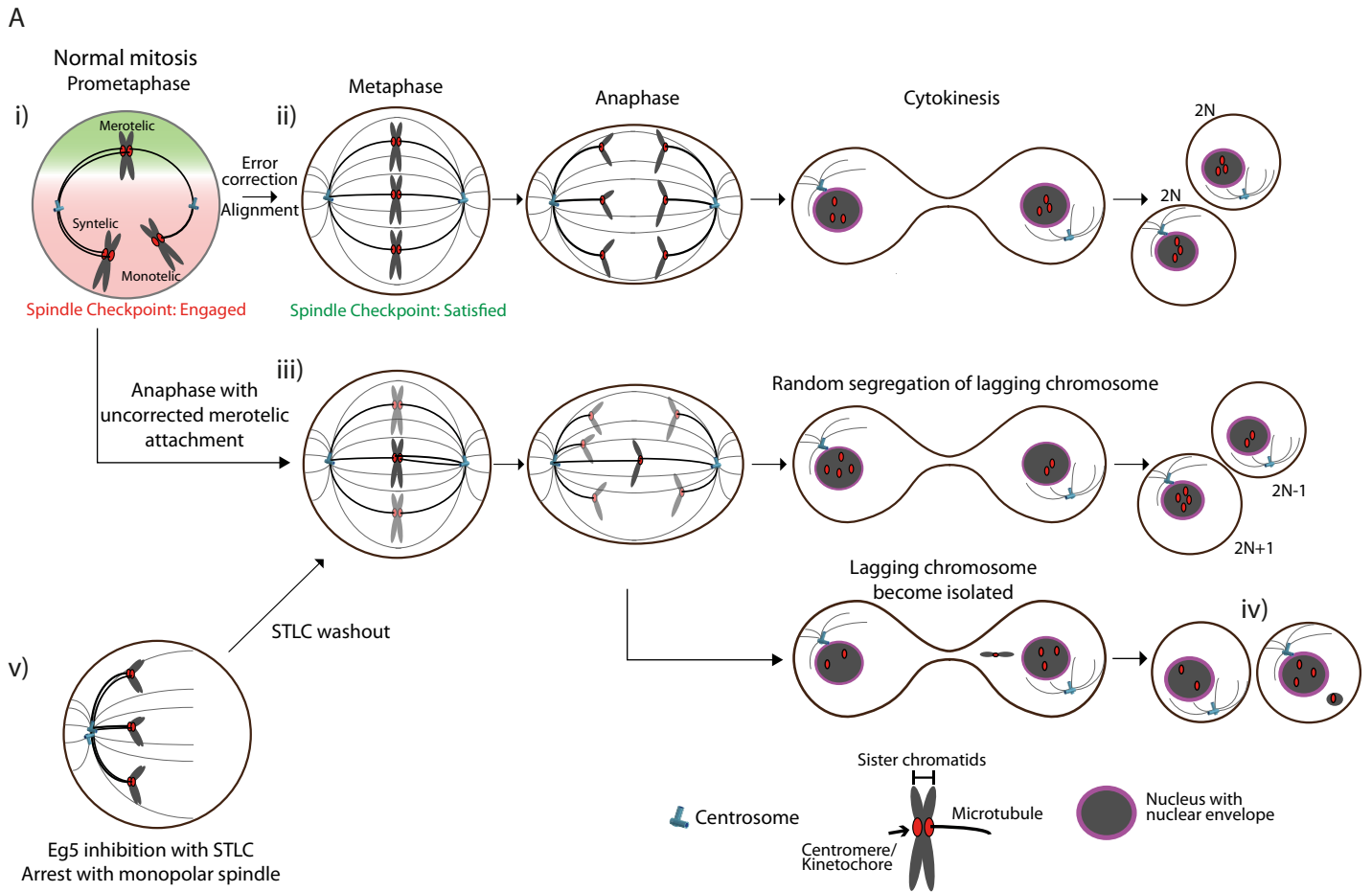
B

	No. clones with CDC27 indel	
	0 Rev.	250nM Rev.
Vector	0/12	0/12
CRISPR CDC27-1	5/57	9/9
CRISPR CDC27-2	11/42	14/14
CRISPR CDC27-3	1/23	14/15

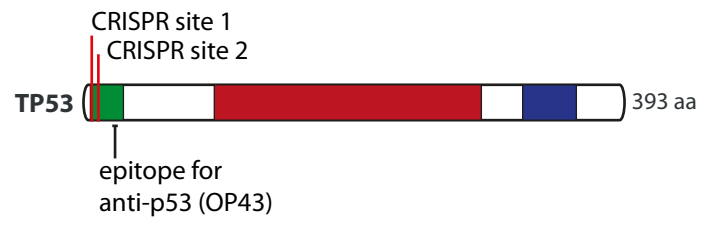


D RPE1/lentiCRISPR maintained 30 days in reversine

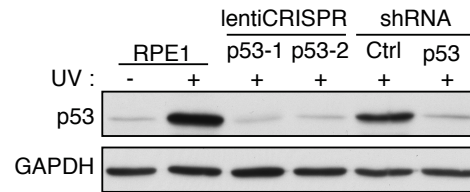




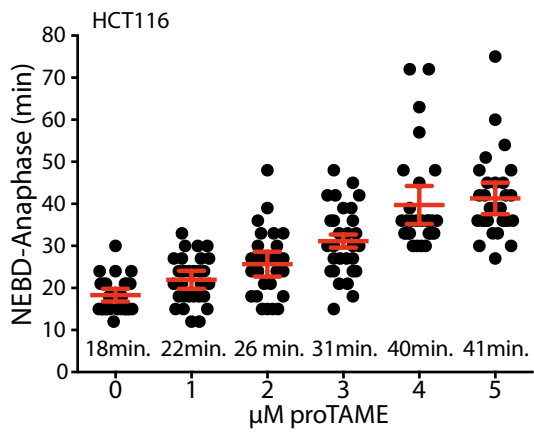
A



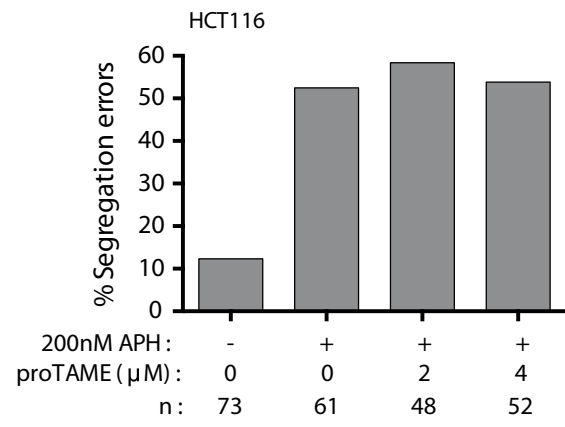
B

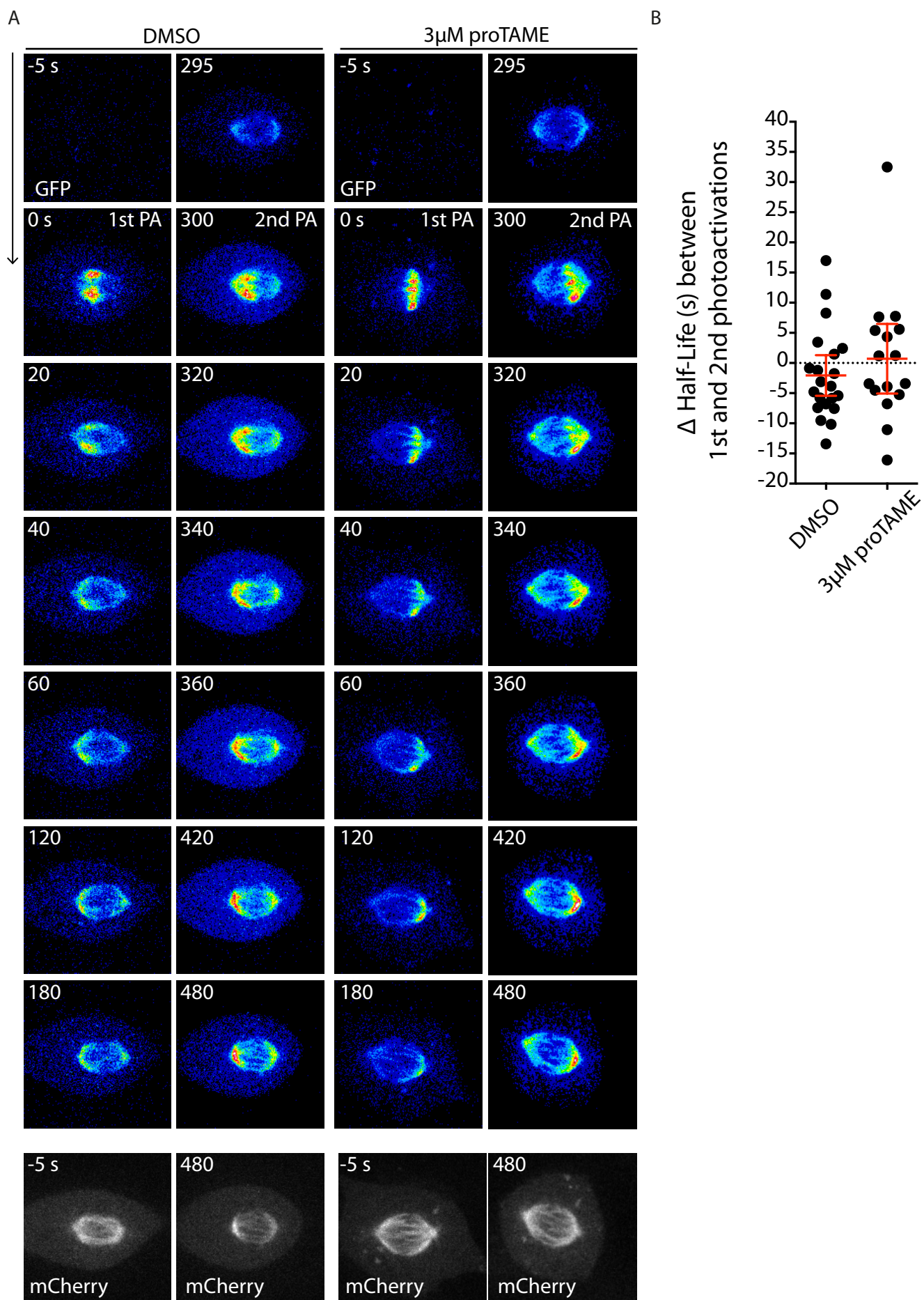


A



B

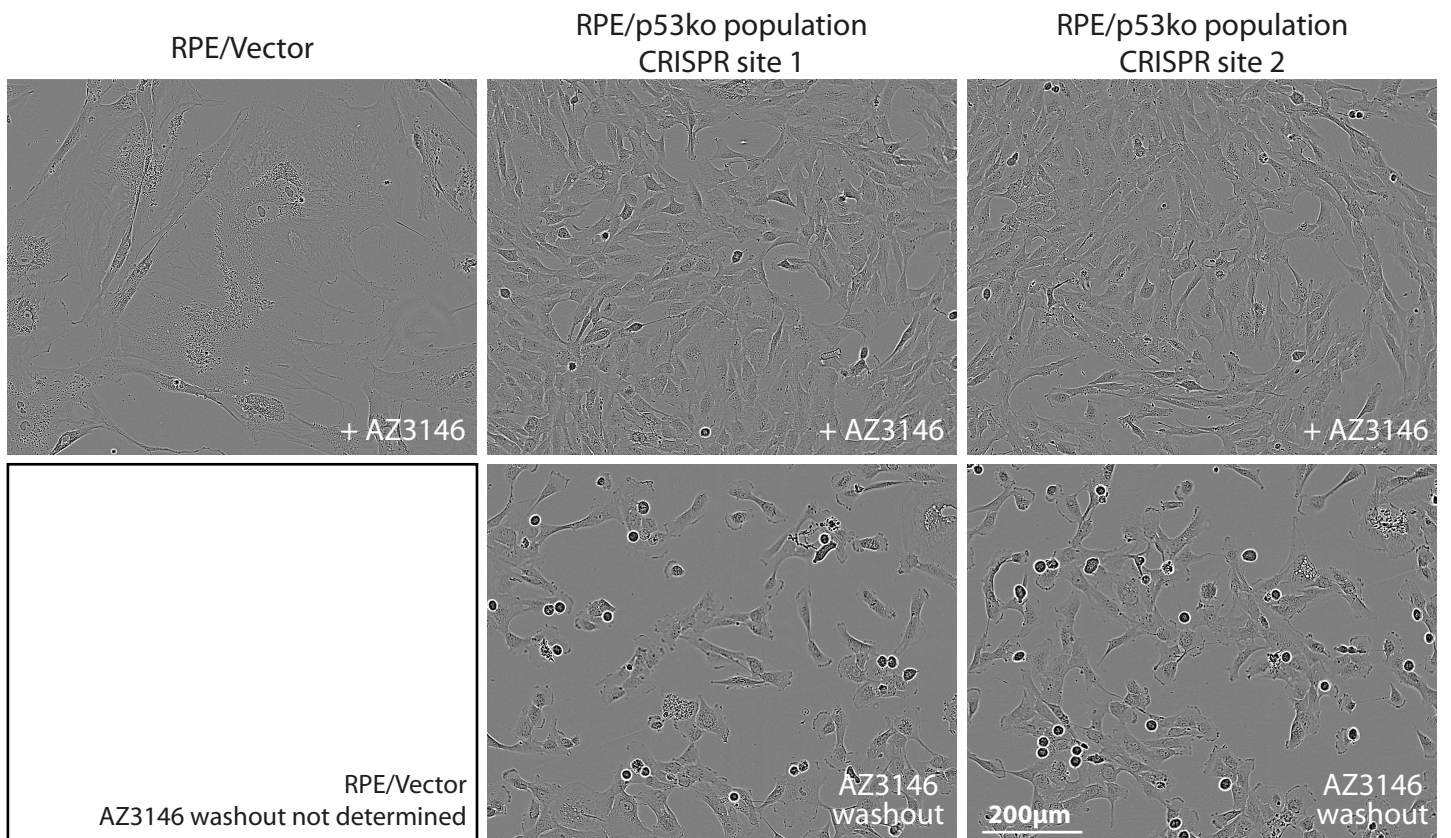




A

Mixed population Grown in 250nM Rev.	Doubling time after 39 days	Doubling time after 44 days
Vector	crisis	few clones picked
p53-1	55.5h	50.1h
p53-1 4-weeks rev and release	46h (8 days since release)	32.3h

B



Maintained 51 days in 2µM AZ3146