

Supplementary information, Table S2 Antibody information.

	SOURCE	IDENTIFIER
Antibodies		
Mouse monoclonal anti-IdU (clone B44)	BD Biosciences	Cat#347580; RRID: AB_10015219
Rat monoclonal anti-BrdU (clone BU1/75), also used for immunostaining of CldU	Novus	Cat#NB500-169; RRID: AB_10002608
Mouse monoclonal anti-Flag tag (clone 2C5)	EnoGene	Cat#E12-001
Rabbit monoclonal anti-Myc tag	EnoGene	Cat#E1T506
Mouse monoclonal anti-Pcna (clone PC10)	Cell Signaling Technology	Cat#2586; RRID: AB_10695749
Rabbit polyclonal anti-Histone H2B	EnoGene	Cat#E1A0866
Mouse monoclonal anti-Gapdh	Sangon Biotech	Cat#D190090
Rabbit polyclonal anti- γ -H2ax (clone 20E3)	Cell Signaling Technology	Cat#9718; RRID: AB_2118009
Mouse monoclonal anti-Rad51 (clone 14B4)	Novus	Cat#NB100-148; RRID: AB_10002131
Rabbit anti-p-ATR (Ser428)	Cell Signaling Technology	Cat#2853S; RRID: AB_2290281
Rabbit polyclonal anti-ATR	Cell Signaling Technology	Cat#2790S; RRID: AB_2227860
Mouse monoclonal anti-p-ATM(Ser1981) (clone 10H11.E12)	Novus	Cat#NB100-307; RRID: AB_10002350
Rabbit monoclonal anti-ATM (clone D2E2)	Cell Signaling Technology	Cat#2873S; RRID: AB_2062659
Rabbit monoclonal anti-Trim25 (clone EPR7315)	Abcam	Cat#ab167154
Rabbit polyclonal anti-Blm	Novus	Cat#NB100-214; RRID: AB_10001628
Goat polyclonal anti-Oct4 (clone N-19)	Santa Cruz	Cat#sc-8628; RRID: AB_653551
Goat polyclonal anti-Nanog (cloneW-18)	Santa Cruz	Cat#sc-30328; RRID: AB_2150376
Chicken polyclonal anti-GFP	Abcam	Cat#ab13970; RRID: AB_300798
Rabbit monoclonal anti-Cleaved Caspase-3 (Asp175) (clone 5A1E)	Cell Signaling Technology	Cat#9664; RRID: AB_2070042
Mouse monoclonal anti-Ubiquitin (clone P4D1)	Santa Cruz	Cat#sc-8017; RRID: AB_628423
Rabbit monoclonal anti-K63-linkage Specific Polyubiquitin (clone D7A11)	Cell Signaling Technology	Cat#5621; RRID: AB_10827985
Goat anti-Mouse IgG (H+L) Secondary Antibody, Alexa Fluor 488	Thermo Fisher Scientific	Cat#A-11029; RRID: AB_2534088

Goat anti-Rat IgG Secondary Antibody, Alexa Fluor Cy3	Thermo Fisher Scientific	Cat#A-10522
Donkey anti-Rabbit IgG Secondary Antibody, Alexa Fluor 594	Thermo Fisher Scientific	Cat#R37119; RRID: AB_2556547
Goat anti-Chicken IgY (H+L) Secondary Antibody, Alexa Fluor 488	Thermo Fisher Scientific	Cat#A-11039; RRID: AB_2534096
Goat anti-Rat IgG (H+L) Secondary Antibody, Alexa Fluor 647	Thermo Fisher Scientific	Cat#A-21247; RRID: AB_2535815
Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP	Thermo Fisher Scientific	Cat#31430; RRID: AB_228307
Goat anti-Rabbit IgG (H+L) Secondary Antibody, HRP	Thermo Fisher Scientific	Cat#31460; RRID: AB_228341
Donkey anti-Goat IgG (H+L) Secondary Antibody, HRP	Thermo Fisher Scientific	Cat#A16005; RRID: AB_2534679