

Table SI. Antibodies used in the present study.

Antibody	Company	Catalog number	Concentration
MSH3	BD Biosciences	611390	1:250
MSH6	BD Biosciences	610918	1:1,000
MSH2	Invitrogen; Thermo Fisher Scientific, Inc.	33-7900	1:250
MLH1	BD Biosciences	554073	1:500
MRE11	GeneTex, Inc.	GTX70212	1:500
RAD50	MilliporeSigma	05-525	1:1,000
NBS1	Abnova	PAB12377	1:1,000
RAD51	Santa Cruz Biotechnology, Inc.	sc-398587	1:100
KU70	Abcam	ab92450	1:1,000
KU86	Santa Cruz Biotechnology, Inc.	sc-1484	1:100
LIG4	Abnova	PAB29363	1:100
XRCC4	Santa Cruz Biotechnology, Inc.	sc-271087	1:100
PARP1	Santa Cruz Biotechnology, Inc.	sc-25780	1:100
XRCC1	Abcam	ab134056	1:1,000
LIG3	GeneTex, Inc.	GTX638333	1:500
TH2AX	MilliporeSigma	05-636-I	1:500
DHFR	Abnova	MAB22083	1:1,000
GAPDH	KangChen Bio-tech	KC-5G4	1:5,000