

SUPPLEMENTARY TABLES

Table S1. Primary antibodies.

Antibody	Vendor; Cat. No.	Dilution	Applications
Sycp3(Rb)	Novus Biologicals; NB300-232	1:1000	Western Blot
		1:200	Immunofluorescence
Sycp3(Mus)	Abcam; ab97672	1:200	Immunofluorescence
γ H2afx	Abcam, ab26350	1:1000	Western Blot
		1:200	Immunofluorescence
RAD51	Abcam; ab133534	1:200	Immunofluorescence
MLH1	BD Pharmingen, 551091	1:200	Immunofluorescence
MVH	Abcam, ab13840	1:200	Immunofluorescence
BAX	Cell signaling, #2772s	1:1000	Western Blot
BCL-2	Beyotime, AB112	1:1000	Western Blot
β -Actb	Sangon Biotech; D110001	1:1000	Western Blot

Table S2. Primers used for quantitative RT-PCR.

Genes	Genbank	Forward primer sequence	Reverse primer sequence	Product Length (bp)
<i>Actin</i>	NM_007393.3	TCGTGGGCCGCTCTAGGCAC	TGGCCTTAGGGTTCAGGGGGG	255
<i>Trp53</i>	NM_001127233	ACAGTCGGATATCAGCCTCG	GCTTCACTTGGGCCTTCAAA	159
<i>Sycp3</i>	NM_011517.2	GGGGCCGGACTGTATTTACT	AGGCTGATCAACCAAAGGTG	169
<i>Bax</i>	NM_007527	ATGCGTCCAAGGAAGACTGAG	CCCAGTTGAAGTTGCCATCAG	162
<i>Bcl-2</i>	NM_009741.5	GCAGAGATGTCCAGTCAG	CACCGAACTCAAAGAAGG	127