

Table SI. Primers for reverse transcription-quantitative PCR used in this study.

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
β -ACTIN	ACATCCGCAAAGACCTGTAC	TGATCTTCATTGTGCTGGGTG
METTL3	AAGCTGCACTTCAGACGAAT	GGAATCACCTCCGACACTC
RAD51AP1	GCGGCCTGTGAGACATAAGA	GGAAGTGCCTAGCTGGAATA
RAD51	CAACCCATTTACGGTTAGAGC	TTCTTTGGCGCATAGGCAACA
CtIP	AGGGCGAAAGAGAAAAGCGA	TGGACAGGTCAAATACCGCC
Mre11	TGGGTTTTTTCAGTCCAATGAGT	TGTACATGGCAACAGCAAGT
ATM	GCGTGGCTAACGGAGAAAAG	ATCACTGTCACTGCACTCGG
NBS1	TATCCGCGCTCGTCTAGCAG	GTATGGTTCTCCTCCTGCGG
XPC	TTGGGAAGAGGTTGAAGTGAA	GGGATGATGGACAGGCCAAT
BRCA1	GAAACCGTGCCAAAAGACTTC	CCAAGGTTAGAGAGTTGGACAC
RAD50	AGCCACAGCAGTTTACTCCC	GACAAACGGGGCAACATGAC
METTL3, methyltransferase-like 3; RAD51AP1, RAD51 associated protein 1.		