

Supplemental Figure 1

Oligonucleotide Primers used in this study

RT-PCR primers

mRNA	Forward (5'- 3')	Reverse (5'- 3')
Rad21	ATTACGGACATCAGGACATCTC	AAGCCATCTTTATCTTAATGAATGC
CIITA	CTGAAGGATGTGGAAGACCTGGGAAAGC	GTCCCCGATCTTGTCTCACTC
RFX5	AGAGCGGAAGAAGAGTGTAGTTGAG	GAATAGGTGGAGAGACTGGGATTGG
DRA	GCGAGTTTATGTTTGACTTTGATGG	CGTTGGGCTCTCTCAGTTCC
DRB1	AGCCTAAGGTGACTGTGTATCC	CAGACCGTGCTCTCCATTCC
DQA1	CAGGAGCAGAAGAGTGGACTTG	AGATGGAGGTTACTGAGGAATTAGG
DQB1	GCCCTCAACCACCACAACC	GCCTCCAATGCCACTCAGC
GAPDH	AATGAATGGGCAGCCGTTA	TAGCCTCGCTCCACCTGACT

ChIP primers

Location	Forward (5'- 3')	Reverse (5'- 3')
C1	GAGGGCAGGAGGAACAGG	TTGTCGTCTAGTGGCTGAGG
C15	GCCATTGGGTATCAGG	GGTCCCAGAACATTCC

Quantitative 3C primers sets

Primer Sets	Anchor Primer (5'- 3')	Restriction Fragment Primer (5'- 3')
C1-DRA	TGCTGCTGCTGCTGAATATG	TGAATGAGGACTTCTTGCTGATG
C1-CL1	TGCTGCTGCTGCTGAATATG	CACTTCCACATCTTGTCCCTACC
C1-CL2	ACTGCTGCTGCTGCTG	TCTTCTGGAGAAATAAGTTAGGG
C1-P12	TGCTGCTGCTGCTGAATATG	GACTGAAGAAGAGCGAGACC
C1-XL9	TGCTGCTGCTGCTGAATATG	TTATAGACAAATGGGCGAGGAAG
XL9-C2	ACCTCCACAATGTAGTTTCTAATATG	GCACTCATCAGAACTCTTTATCC
XL9-CL1	GCACCTACCCTCACTTTCATAC	CACTTCCACATCTTGTCCCTACC
XL9-CL4	GCACCTACCCTCACTTTCATAC	CCCTGACTCCTTTCCTTGG
XL9-CL5	GCACCTACCCTCACTTTCATAC	GCATAAGAAGACTCCATTGTGAAC