

Supplemental_Table_S4. Primers used for 4C-seq analysis.

locus	reading primer	non-reading primer
<i>ABCD3</i>	TATTGTA CTTCAGAAAGCTT	CCCTTAGCAATAATCTATGGTC
<i>ALG14</i>	CGTGGGCGTAAATCAAGCTT	TGGCTCTAGGTAGCAGGATA
<i>BCAR3</i>	CGATTAATGGCTTAAAGCTT	CCCAGTTAAATGTGCCTTAC
<i>DPYD</i>	ACCTTAAGCCAGCAAAGCTT	GCCAACTATGCATTCATCTT
<i>PTBP2</i>	TGCTGCCTAAGGACAAGCTT	ATTAAAAATAGGGCCTTTGG
<i>human gene desert</i>	TAGACTTTACCAGTAAGCTT	TGCTGAGACAGCCAAGTATA
<i>Abcd3</i>	AAGTGTCAGAAAGGAAGCTT	GTGGTACCGACCCATCCA
<i>Alg14</i>	ACGTGGTGAGATGGAAGCTT	AACTTCACAAATGTGTCTGA
<i>Bcar3</i>	ATTCCTTGTGAGCCAAGCTT	CATCTCAA ACTGGTAGGGAG
<i>DpyD</i>	GTGGAAATACATCTAAGCTT	GGCAACTCCAGTTTACAGTC
<i>Ptbp2</i>	GGTTCTTGGGAGCGAAGCTT	CCCTCTCAGCTCTAGAGAAA
<i>murine gene desert</i>	CTTACATTC ACTAGAAGCTT	TTAATGAAAGGGTCAGGAAA

First and second restriction enzymes were *HindIII* and *DpnII*, respectively