

S3 Table**3C-seq viewpoint primer pairs**

Viewpoint	Primer Name	Sequence	Position
VP1	BgIII_F NlaIII_R	ATTAGATTAACAGATTCTATGTAAG CCTCCTTGCTTCAAGAAC	chr5:36873783-36873807
VP2	BgIII_F NlaIII_R	TTTGGTCAAACGTTGAG ATGGAAACTTTTTGAGATGTA	chr5:36944718-36944738
VP3	BgIII_F NlaIII_R	CTCGTATCTGCTTCATATGG CTCAAACCTGGACTTAAATTC	chr5:36973150-36973170
VP4	ApoI_F NlaIII_R	CGCCGATTCGCCAGGTA TCTCCGTCTCCTCAGTGCG	chr5:36877168-36877283
VP5	NlaIII_F ApoI_R	GAGCACTGACTTGGTCTTC CAGTGGATGGGAATGAAT	chr5:36739739-36740347
VP6	NlaIII_F ApoI_R	ACGTGGCAGGCTTCAT CAGATCCGTTTGCCTGGAAT	chr5:36725938-36726330