

S2 Table**Primer used to detect the deletions generated by CRISPR/Cas9**

Primer to detect deletions in R1	Target region	Position (hg19)
P2_F P2_R	TGTGGCTTGGCCTAATTG CAGAGGCTGGTTCTCTTG	chr5:36743828-36749685
P3_F P3_R	AACGCGAGCCTTCTCTTCC TGGTTCTCTTGGTCCAGGAGG	chr5:36737654-36749678
P4_F P4_R	CCCAACACCTGTTCCCTCTTAC CCTGGGACTGACATTTCTGTTC	chr5:36737678-36737840
P5_F P5_R	CTCAAGGGCAGACACAATG GGCACTTACTCTGTGAAAGG	chr5:36742317-36742621
P6_F P6_R	GCCCAAATAGCACTGCAGAC GAAAGTGGCAGAGCTGTGAG	chr5:36743671-36744015
P7_F P7_R	GGTACATGGCTCCCATTTGAAC AGTGCCTAGGTAAGGAACCTTG	chr5:36746584-36746885
P8_F P8_R	ACTACATGCCAGGCACAATC TGGCATTCTGGCCTAACTC	chr5:36748530-36748959