

ZKO997

Target Position: exon 12

Sense Strand Sequence

tcgctcaaagccattgtgtaaatatggataaagcagatttcggtctctctctcattgtagAGCTGTGTATTT
GGTCAGGCACAGAGAACTCGACAGCGCTTTGCAATGAAGAAGATCAACAAACAGAACCTG
ATCCTGCGGAACCAGATCCAGCAGGCGTTCGTGGAGCGGGACATCCTGACCTTCGCTGAAAA
CCCCTTCGTGGTCAGCATGTTCTGTTCTTTTGAGACGCGCCGTACCTGTGCATGGTTATGGA
GTACGTGGAGGgtacggcattacagagtttcagcaatctgattccaattgaacgttattgagctgattgaaatcacat
ccattttctga

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO997a: 13bp deletion

CLUSTAL format alignment by MAFFT FFT-NS-i (v7.215)

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WT          GACAGCGCTTTGCAATGAAGAAGATCAACAAACAGAACCTGATCCTGCGGAACCAGATCC
ZKO997a     GACAGCGCTTTGCAATGAAGAAGATCAACAAACAGAACCTGAT-----ATCC
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WT          AGCAGGCGTTCGT
ZKO997a     AGCAGGCGTTCGT
*****
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