

ZKO212

Target Position: exon 4

Sense Strand Sequence

gtgtttgcagcaacaaggaacgcaaaaactttaaatctatatataaatttccaacactctttttatcacatcc
attatttccccaccatcacttccctccgggtctccgtaattgtaaaacacactacaaatcctcattttcttctcc
tcagGTTATGATAACAGGTATATGTCTCTGGCCGAACAACACTGAGGCAGAGGATTACTGATATCAA
GATTAATAATTGACCGCAACTTCGACTTCTGGACGCTCTGAAGTCGCAGGTCAAAGATCAAGT
TGTTGTAATGCAGCGGCTTGAGgtgagcaaaatattaaagaacatttcacatgaagatgacaatttacttat
tattatccaccgggttacgagtttcttctctgtgaacacaaacgatgagacttgaaaaaagctgtaaacctgaaacc
attcacatc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO212a: 4bp deletion

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

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WT          TCTCCTCAGGTTATGATAACAGGTATATGTCTCTGGCCGAACAACACTGAGGCAGAGGATTA
ZKO212a     TCTCCTCAGGTTATGATAACAGGTATATG----TGGCCGAACAACACTGAGGCAGAGGATTA
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