

ZKO861

Target position: exon1

Sense Strand Sequence

CATTACGGACATCTTGAAGCTCGCGCGGAATCCTTGCAGATAGTTTTTTTTTAGGCCAGACTGG
TCCATTTCATGCAGAATTTCACTCTGGGTGTTACGTATTACAACTCGACTTACTTGAAGACGA
AAAATGGCCTTGACGGTGTGACTGACCTGTCCGTGAATACTGGTCCAACATACGTAGATGAA
AACTTGAGGACAAACAAAAGCGTTGCGGGAGAGCATCGAGAA GGGGGAGCCAAAATA
TTTG GGGTGAGTGA ACTTCATGTTGTGACTTCAAGCAGATTCTCACAGAAAGTAGCCTAATTT
CATGTTTTAAAGGGAACAAAAGAAATTTGTTTTCTGGTGTCTTCATAAATAAAGTAGTCATATTT
AACGTGTTAAAGAAATGTGTGCAAATCAGAATAAATAT CAAAGTCCTCAACATCTCAAGG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: cas9 target site

ZKO861a: 8bp deletion

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

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WT          GGGAGAGCATCGAGAAGGGGGAGCCAAAATATTTGGGGTGAGTGA ACTTCATGTTGTGA
ZKO861a     GGGAGAGCATCGAGAAGGGGGAGCCAAAA-----GTGAGTGA ACTTCATGTTGTGA
            *****                               *****
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