

ZKO747

Target Position: exon 2

Sense Strand Sequence

ggcaatagtctctattcatttcatcagtaaataatgacagactaaaagaaaggcaaactattcccttaatgaatcaagaa
tgatcaagtgtcactttattaaataaacatcttgaattgtctctgcttagCACCTTCATAAAGCCAGAAAGTGCTG
TAGAGCAGACGAAAAGCCGTAATTTCTGCTGCAGTCGGAATCTCCGTCCAGTGATTCTGAAT
CTGATCCAGAAAACGAAGATCAACAAGAGGCCCTCAGCCATTTTCAAAGCCCTCATCCACCC
CATCGGTCCGTCCTTACCCACAAAACTCCACCTCCACCTCTGGGCTCAGGTGGAGCGCTTT
CTTCAGCCAGCAGTGTGTTACAAACCCCTTCAAAGAAAAGGCAGAGGAGAGTCTGAACGTC
CTGCAGAAACACGTACCTCTCACTTTACAAGC

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: cas9 target site

ZKO747a: 7bp deletion

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

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WT          CCATCGGTCCGTCCTTACCCACAAAACTCCACCTCCACCTCTGGGCTCAGGTGGAGCG
ZKO747a     CCATCGGTCCGTCCTTACCCACAAAACTCCACCTCCAC-----CTCAGGTGGAGCG
*****

WT          CTTTCTCAGCCAGCAGTGT
ZKO747a     CTTTCTCAGCCAGCAGTGT
*****
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