

ZKO969

Target Position: exon 2

Sense Strand Sequence

TGTCCTACAGCGAATGCTCATCTTTTCACGTCTGCCTGGTCACAGATCAAGCAGACGTCCTGCA
GTCCCGTCAGCTCTGGTGCCCGCCGGTCTCTCTGTTTCTGCACTGAGGAGGGACGAGCTGC
CAGGCCTGGTTAAGATGTGTCTGCTGCCGGCCGCTCTGGAGTCTGATGTCGGCTTTTGCCGA
GCCGGCCTTGCTGTCTGCTCAGACACATCATTAGAGAGCATGCCAGTTGATGCCGACCGC
AGGGACGTGGCGTCACTTTTGGGCTTTAAAAACACCTGCCTCAAGGCTTGTGCTGAGgtgaga
gggccttgtttaaccattaactgtagtgtttgtacaggtgctggaaatgcttag

Uppercase: intron/noncoding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO969a: 2bp deletion

CLUSTAL format alignment by MAFFT G-INS-i (v7.215)

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WT          ACACATCATTAGAGAGCATGCCAGTTGATGCCGACCGCAGGGACGTGGCGTCACTTTT
ZKO969a     ACACATCATTAGAGAGCATGCCAGTTGATGCCGAC--CAGGGACGTGGCGTCACTTTT
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ZKO969b: 4bp deletion

CLUSTAL format alignment by MAFFT G-INS-i (v7.215)

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WT          ACATCATTAGAGAGCATGCCAGTTGATGCCGACCGCAGGGACGTGGCGTCACTTTT
ZKO969b     ACATCATTAGAGAGCATGCCAGTTGATGC----CCGACGGACGTGGCGTCACTTTT
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