

ZKO487

Target Position: exon 3

Sense Strand Sequence

AAGGTAGTAGTTGGGTTAGG TATTTGAGTAGGATTAGGGATGTACAATAAGATCAAACCTTTAT
GAGTGCTAAAACATTGTAATATCTCAATAATAGAAAGCTAATAAACAGTAGTAAATGGTGTA
ATTGTTACATTAATTGTTACTTTTGTTAATGTTATTTACGTTTTGTCTGTAGCTTCAAGGTGAAGA
TGGCAGCAAAGATGCGGGCCGAATACAAAGCTGTCTTACACATGCCTGTGCTGAAGGAGGG
CCGAGAAAAGGGTTCTCTCCA CACCTCTGACCCATATGGCC AATCGGCGTACCTCTGCCTGgt
atgcctcataaaccaatcctgttgctttttctttatcagtatcttcatttagttgttttttaataaacctctcaagattca
ttaagtattaactgttgacttcattgtgcagACACTACTCCAGAATATTGGTGACAGGAACACAC CCTT
ATCCATCTGCTCCAG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO487a: 1bp deletion

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

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WT          GAAGGAGGGCCGAGAAAAGGGTCTCTCCACACCTCTGACCCATATGGCCAATCGGCGTA
ZKO487a     GAAGGAGGGCCGAGAAAAGGGTCTCTCCACA-CTCTGACCCATATGGCCAATCGGCGTA
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ZKO487b: 10bp deletion

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

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WT          GAAGGAGGGCCGAGAAAAGGGTCTCTCCACACCTCTGACCCATATGGCCAATCGGCGTA
ZKO487b     GAAGGAGGGCCGAGAAAAGGGT-----CTCTGACCCATATGGCCAATCGGCGTA
*****
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