

ZK0875

Target Position: exon 5

Sense Strand Sequence

tgtggctagactgaaattgggtctcaactattcacaattcatgtaattacgtatgtgctgctgttttccattctagtatagt
tttagccgtaaataagaaatgcttatttgccatttgtgattctcttcagGTTTCTGTGTTGGTTATGTGCCA CAC
ACGAGA AACTGGCCTTCCAGATCAGTAAAGAGTACGAGCGCTTCTCCAAGTACATGTCCAGT
GTAAAGTGTGCCGCTTTTTTCGGTGGCATGTCTATAAAGAAGGATGAAGACGTGTTGAAGA
AGA AACTGCCACACATTGTTGTGGGAACGCCAGGGAGGATTCTTGCCCTCAGTCGCAACAA
GACCTTGACCCTCAAAAACGTCAAACACTTTGTTTTGGACGAATGTGACAA GATGCTGGAGC
AGTTGGgta

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0875a: 8bp insertion

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

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WT          tcttcagGTTTCTGTGTTGGTTATGTGCCACA-----CACGAGA AACTGGCCTTCCAG
ZK0875a     tcttcagGTTTCTGTGTTGGTTATGTGCCACATAGTCTGCCACGAGA AACTGGCCTTCCAG
            *****
            *****

WT          ATCAGTAAAGAGTACGAGCGCTTCTCCA
ZK0875a     ATCAGTAAAGAGTACGAGCGCTTCTCCA
            *****
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