

ZKO483

Target Position: exon 1

Sense Strand Sequence

GTAAGCCCATACCTACAAACCTGCTCCTGTGCCATGACATCGAGTACACAAACATGCGTCTGCC
TAACCTCCTCGGACACGAGACCATGAACGAGTTCTGCAACAAGCATCCTCCTGGACCCCTCT
GGTGCAGAAACAGTGTCAATCGGACACCAAGAAGTTTCTCTGCTCTCTCTTCGCTCCGGTGTG
TTTGATGACCTGGACGAGCCCATCCAGCCGTGCAGGTCTCTGTGTGAGAGCGTGAAGAGCG
GCTGCGCTCCGGTGATGGCCGCTTTTGGGTTCCCTTGCCGGACATGCTGGACTGCAGGCGC
TTCCCTTTAGA

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO483a: 8bp deletion

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

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WT          TCCTGGACCCCTCTGGTGCAGAAACAGTGTCAATCCGGACACCAAGAAGTTTCTCTGCTCT
ZKO483a     TCCTGGACCCCTCTGGTGCAGAAACAGTGT-----CACCAAGAAGTTTCTCTGCTCT
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WT          CTCTTCGC
ZKO483a     CTCTTCGC
*****
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