

ZKO495

Target Position: exon 4

Sense Strand Sequence

GGCTCCTGACCGTCTATTCTTCAATCCCCTTCCCAGCACTGAGCTCTTCTTCTCGGGTATCATC
CAGGCGGCAGCGTGTGCTCTACTGCACACGGGTGGAGGTCAGGATGGATGTTGGGGTA
AAGACAGTGGCGCTCTACAGGCTGATCATCAGCCCCATCTGCTGTACTCAGTGGTGGTGAGA
GACGGCAGGAGCCTCACACCAAGCCCCATGAGGACACACACTTCTGGAGACATTCCCCTCTC
GCTGCTCTACTCCACTTTTCCCTTCCACATTCTCTGGATCAGGAAATGGGCCTGCTGCAGATC
GGGATGGTTTGAGGAGACGGCTAGGGAGATGCAGAGATGGGCAAAGAAGACCTGCTTTC
AATGAACACTTTGCCATTGTTTACCAGAGATACGAGCCAG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO495a: 10bp deletion

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

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WT          TCCTGGATCAGGAAATGGGCCTGCTGCAGATCGGGGATGGTTTGAGGAGACGGCTAGGGA
ZKO495a     TCCTGGATCAGGAAATGGGCCTGCT-----GATGGTTTGAGGAGACGGCTAGGGA
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