

ZKO1093

Target Position: exon 6

Sense Strand Sequence

cgcagttgcatgttattgtggtgcaaatgtggttactattaaaatgaatactaaaagtatggcccaaccgacacctagtgtt
taatttctgcctagatgttatatgtaatttcctcaatatttcttcttcttctgtatagCCACAGTGGTGCTCATGCCCT
CACGACTGGGTGAGTGTCCAGGACAGATGAGATGTCCTCACTGCCAGCAGCAGGTGGTGAC
CGAGACCACATATGTCAACGGACTGTTGGTGTGGGGCATCTGCATTGGTCTCGGCATTTTCGG
gtaagcaacagcattcatcagattctcactagcggaactatgggacg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO1093a: 4bp deletion

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

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WT          CTGCCAGCAGCAGGTGGTGACCGAGACCACATATGTCAACGGACTGTTGGTGTGGGGCAT
ZKO1093a    CTGCCAGCAGCAGGTGGTGACCGAGACCAC----GTCAACGGACTGTTGGTGTGGGGCAT
            *****
            *****

WT          CTGC
ZKO1093a    CTGC
            ****
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