

ZKO243

Target Position: exon 1

Sense Strand Sequence

aaaatccagccaaaatctcgtttttcgttttctcgtgagcaaaagaaaaacggaaaaacggccgttttctcatttcctta
ttccgtttgaaaatggaaaacaaatgaacaaaacgtacacggaccattgacgcctggcttaaacgagaggcgcaATG
CCTTTGTTGATTTACTAGTTGGCATGAACGATTCCGGGACATCAACATTCTTCAAACAATAC
GTCTTATCAACGGAGAGGACTTCAACCTTAAACAACGGCTTGGATTAGAGAGAAGCAATTTAC
GAAAACATCATAACAGgtggcggttataaaagcctttataaaatgatgaaatcttacaatagcctctataggcataag
gtttcattagagatgctaagtgtgaacaattttatgaattatacattgatgatg**cggggggtcaacttttt**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO243a: 4bp deletion

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

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WT          TCTTATCAACGGAGAGGACTTCAACCTTAAACAACGGCTTGGATTAGAGAGAAGCAATTTA
ZKO243a     TCTTATCAACGGAGAGGACTTCAACCTT----AACGGCTTGGATTAGAGAGAAGCAATTTA
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