

ZKO130

Target Position: exon 1

Sense Strand Sequence

caggagcatcactgggagacaatta tcgaggaaagctcagcatctggtatcttgtgtgtgaaaagaagggttattttt
attaacatattgacataggacattgataATGGAGAAGATGAGTTACACGTTTCAGTCAGCAATATGAGGA
GAAAATTCGCCCTTGTATCGACACTATTGATAATTTACGGTCTCTGGGAGTCGAAAAGGACCTC
GCGTTGCCTGCCATCGCCGTCATAGGAGACCAAAGCTCGGGAAAGAGTTCGGTTCGGAGG
CGCTGTCAGGAGTTCGGTACCCAGGGGCAGTGgtgaggggaaaattata

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO130a: 1bp deletion

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

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WT          TAGGAGACCAAAGCTCGGGAAAGAGTTCGGTCTGGAGGCGCTGTCAGGAGTTCGGTTAC
ZKO130a     TAGGAGACCAAAGCTCGGGAAAGAGTTCGGT-TGGAGGCGCTGTCAGGAGTTCGGTTAC
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ZKO130b: 4bp deletion

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

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WT          TAGGAGACCAAAGCTCGGGAAAGAGTTCGGTCTGGAGGCGCTGTCAGGAGTTCGGTTAC
ZKO130b     TAGGAGACCAAAGCTCGGGAAAGAGTTCGG----GGAGGCGCTGTCAGGAGTTCGGTTAC
*****
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