



ZKO1173

Target Position: exon 4

Sense Strand Sequence

GGATgtacgtactaatcttgtttacattttagaattattataatcgttttataaatattacaaccgtttcatcaatagTAAATTCTA
AAGGTTTTTCGATCAAATGTGATTGGATCAGTGGGTGAAGGCAAATCCATCTCGCAG
ACGGCCTCAACAGCCGTGCCACTGGATTCA**GATCGCACTGCACCGTTATC**AGgtaatgt
ttctcatgtgaataatgatgcacaaataattcaaacatataactggaatgggtgg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: cas9 target site

ZKO1173a: 16bp deletion

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

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WT          CAACAGCCGTGCCACTGGATTTCAGATCGCACTGCACCGTTATCAGGTAATGTTTCTCATG
ZKO1173a    CAACAGCGGTGCCACTGGATTTCG-----ATCAGGTAATGTTTCTCATG
*****  *****. *                               *****
  
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