



ZKO1171

target Position: exon 1

Sense Strand Sequence

GAAAGAGCGCCACAGGAAAC ACCATCCTGAGACAAAAGTGTTTAAGGAAGAAC
TATCAGCTAAATCTGTGACCAAGAAATGCCAGAAACACCAGCGGGAGGTGAGCG
GTCGAATCATCTCCATCATCGACACTCCGGGACTGTGTGACACGTCAATCGGCGA
AGAAGACCTCAAGAAAGAAATCGAGAAATGTGTCTACATGTCTGCTCCCGTCTCT
CACGTGTTCTGCTGGTGTGCTCAGACTGGACgtcagactcacaacgaagagaaaaactgtgaaatgga
tccaggagaacttggagaagaagctaatcggggtgagc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO1171a: 4bp deletion

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

WT	GGTGAGCGGTGCAATCATCTCCATCATCGACACTCCGGGACTGTGTGACACGTCAATCGG
ZKO1171a	GGTGAGCGGTGCAATCATCTCCATCATCGACACTCCGGGACTGTGTGACACG----TCGG

WT	CGAAGAAGACCTCAAGAAAGAAATCGAGAAATGTGTCTAC
ZKO1171a	CGAAGAAGACCTCAAGAAAGAAATCGAGAAATGTGTCTAC

