

ZKO600

Target Position: exon 27

Sense Strand Sequence

ctgtacttcagcacaatcttttggcatgaattggtgcagtagtttagaaatgtgtgaatgtgtgtgtatttagctctctaa
tgtctgattctgtacagtttgactgaaagcagtgatgacacagagtgtgtgtattaaagCAGCAGAAAGGACCT
CCAGAGACAGAGAGAGAGGTCAAGCACATTGACTGTACCTGAGAGACAGGCCGCCATACAGCA
TCGCTCGCGGTCAGTTTCTCCGCACAGGGAAGACCAGTGTAGAGCCCGCTCTCGACCCGCAC
ACATCCCTATGCAGAGgtaagactaataaaataacaaaattacagtgaaaaatctattcctgtgatgcataattgct
ttttgttaagtaacatcatatgatttttcagaaaactgtaatgttataatattgtatttatatattatcagttcata

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO600a: 10bp deletion

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

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WT          GTTCTCCGCACAGGGAAGACCAGTGTAGAGCCCGCTCTCGACCCGCACACATCCCTATG
ZKO600a     GTTCTCCGCACAGGGAAGACCAGTGTAGA-----GACCCGCACACATCCCTATG
*****
WT          CAGAGGTAAG
ZKO600a     CAGAGGTAAG
*****
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