

ZKO749

Target Position: 3'UTR

Sense Strand Sequence

acattgctgactgtaaacatgaagcaaccaggtggatcatatTTTTTGGTCTACTAACACATTTGCTGAGCGTTTTGTGCT
gtgtgtgaaaattgtgtgtgtcaaatgaagatgttttcttgggtgtactcactaggtacagttgccttgaacctgcc
gaagcctcccctcccCGACGGGCTCTACTCAAACGcattttgccttcagagccgaagcacacttacgccattgatgat
gtgagcgttcagtttaacagaagagaagcgctctcgctcagcacagtgaggattgcttcagttatattgatttagatgtttgg
gatgcagtgcacagtcaaataatttggcgagcagatccacatcctttgaaatcataaattatcttgaatgtcattgtgctg
cacgtattaggagtttgcgaaggttcagctgacgtgcagtaaggggtttcatcttaataaacaacgcagtttggttc
atagaaaagtaagaatgattaataatccatatgaaacagtccttaaaagtgatgc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO749a: 41 bp deletion

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

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WT          GCCTGAACCATGCCGAAGCCTCCCTCTCCCCGACGGGCTCTACTCAAACGATTTT
ZKO749a     GCCTGAACCATGCCGAAGCCCCCCTCTCCCC-----
*****

WT          GCCTTCAGAGCCGAAGCACACTTACGCCATTGATGATGTGAGCGTTCAGT
ZKO749a     -----GCACACTTACGCCATTGATGATGTGAGCGTTCAGT
*****
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