

ZKO372

Target Position: exon 1

Sense Strand Sequence

tggtgaaactgaaagcaacg ccggggcctttggaggtgtttcatcaagcgttgtagtgatttactcatatcatttcgat
aaaATGTATATAAAGTCGATTGTACTAGAGGGCTTCAAGTCCTACGCCGAAAGGACAGAGATTA
ACGGATTTGATCCGTTTTTAAACGCC **ATCACTGGACTGAACGGCAG** CGGAAAGTCAAATATAC
TCGACTCCATCTGCTTTTTACTGGGGATTTTGAACCTTTCCAGgtgagggttaaacatgcttattatt
atcagaacttagcaatgtgtataaatccgttttaagctgtgactgcgttattttgattggtgtagcttaacattgtttatttt
gtttgcagaaaaacgaaatacaatcattttcattgttatatgtgacctgtaccacaaaactagagatacgtgcattttttgt
atcttaaacctaaataacaatctttccactgatgaataacgttactttattacgatagggccacatttagc **cgagatgcaa**
acaactggaag

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO372a: 31bp deletion

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

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WT          CGAAAGGACAGAGATTAACGGATTTGATCCGTTTTTAAACGCCATCACTGGACTGAACGG
ZKO372a     CGAAAGGACAGAGATTAACGGATTTGATC-----
*****

WT          CAGCGGAAAGTCAAATATACTCGACTCCATC
ZKO372a     CAGCGGAAAGTCAAATATACTCGACTCCATC
*****
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