

ZKO575

Target Position: exon 3

Sense Strand Sequence

taccaaacagaagacaagcaccaaaactagtgataacaaaatcatgttttgcaagtagaagtccttaaattatttta
gcacactatctattcattgtcaatgctctttgattatttcagCCTGAAGATGAGGATGAGCCATTCATTTAG
AGGACACATGTCTTTTGAACACAGAGAACATTGATGCCACTCGTGTGAGACCTCTTCTTTGG
CCAGCTCTGACAGTGGAGACCGAACGCATTTAAAGAGgaatgCGCACTTCCTTTATATTgttgttct
tgccctgttggtttttgttctgctgttaagaagtattttctttgagttatttctgtgtgttccctcagGAGGAGG
AAAGCGGTGGAAACTAATGCTACAGTGCATGGATCTGTTCTTAGACGCAATGTGCT

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO575: 8bp insertion

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

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WT          AGCCTGAAGATGAGGATGAGCCATTCATT-----TAGAGGACACATGTCTTTTCAA
ZKO575      AGCCTGAAGATGAGGATGAGCCATTCATTTAGAGGACATAGAGGACACATGTCTTTTCAA
*****
WT          CACAGAGA
ZKO575      CACAGAGA
*****
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