

ZK0573

Target Position: exon 2

Sense Strand Sequence

cataagcaaatcaccagaaaaaaaaaaaacaaatagttttcattggatgaatgaattgtcattttgaataaggtcatttaga
tcgaaattgtttatttcttacttaactacctctgttgtgcctgcagGGGGAGCTGCTGAGCCCATGTCGCTGTA
GTGGTTCTGTGCGCTGCACTCATGAGCCCTGTCTTATTAATGGATTAGTGAGAGAGGATCCT
GGAGCTGTGAACTCTGCTACTACAAATACCAGGTCATCGCCATTAGCACCAAGAACCCACTAC
AGgtaaaccaccattaactggactttaaatgcattacaggttttagtacttaaacatgacactatatgatacagttttctca
attgctttggctcaattctccatatatatatatatatatatatatatatttttttttttttttttttttttaaac
aagtttagatttctgaac

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0573a: 7bp deletion

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

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WT          TGTCTTATTAATGGATTAGTGAGAGAGGATCCTGGAGCTGTGAACTCTGCTACTACAAA
ZK0573a     TGTCTTATTAATGGATTAGTGAGAGA-----GGAGCTGTGAACTCTGCTACTACAAA
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