

ZK0608

Target Position: exon 2

Sense Strand Sequence

ggtttacacatacacatctaggattactatactgaatttaaactcttttttttggttgtatttttaagtagtgaatatctattgt
tttctttatttCAGCAGGTACTTCACTGTGAGGGTGTGAATAATAAGAGCTATGTGTGTGAATCAGGAC
ACTGTTGTGGAGAGTCCCAGTGCTGTAGCTACTACTATGAGCTCTGGTgtaagtatacctcatgttaatat
caaagtagcgtttgttttgcagaattcctaaggattgaatttgggatgcattgttgactgagaagaaaccagaactggctg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0608a: 1bp deletion 3bp insertion

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

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WT          GGAGAGTCCCAGTGCTGTAGCTACTACTATGA--GCTCTGGTgtaagtatacctcatgt
ZK0608a     GGAGAGTCCCAGTGCTGTAGCTACTACTATGATGACTCTGGTgtaagtatacctcatgt
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