

ZK0860

Target position: exon1

Sense Strand Sequence

TTTGTGTGATGCAGAGCCAAGAGGACATCTTTAATCCTCTCATCATCAATGGAGTGGTGACCC
 GAGACAAAGACTTCCTACACAAACTCGGCAAAGTGCTGAAACTTGACT**GGATAGTCGGCAA**
AGCTTCAAGgcatgaacagactcacttgcaagcagcgtcaggacaacaataattgccattttaattgctttgtaggcta
 gatgattattcaaaccttaacattaattatgtctcatcgttataggttgaattcaaactaatgtagcgtaacttattcat
 tttcattgggcttgagtttaccttgctatatttctcagATGAGGAGATCGCTCATTAACAGAATCATCCCATCT
 TTTGCTTGCCTCGCTGTGAAAAACAATGATTCATTGCACTTAGTGGACTTCTGGAGAAGggtat
 taaacgtatagttcctaagtaaacatatgtacaggattcaagcctatatattacccaaagggattattattgattat
 taaacctcttaagACGGAAGTCAGTCATCGTACCTACGATGATTCCACGGCCCTTCATACAGCCTG
 TGAGCTG**GGGAACATAGACATGATCAAGTTC**

Uppercase:Exon/coding sequence

Lowercase:intron/noncoding sequence

atcg:Forward/Reverse primer

atcg:cas9 target site

ZK0860a:1bp insertion

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

WT	GAAACTTGACTGGATAGTCGGCAAAAGC-TTCAAGGCATGAACAGACTCACTTGCAAGCA
ZK0860a	GAAACTTGACTGGATAGTCGGCAAAAGCTTCAAGGCATGAACAGACTCACTTGCAAGCA
