

ZK0742

Target Position: 5'UTR

Sense Strand Sequence

tgagaggggaccgtcattgctgtccgctagcctttatctgtctcacctcactatgcatatctatacatctgctctttgtgttcg
cattaggtcaacgccgttctgcttcggagccaaagcccaacgagattacattcgggggataagcagaaagtttcatca
cgcgaggttacagtcgacggcggtgtaaATGAGTTACAAGCCGATCGCCCCGCACCCACGGCTCC
AACCACACTCCTCCAGgtgagttcattgtgctctctgttcattcatttttacgtgcttctttcattttgaggtatttacgc
ctatcatcttttaaacccccgttttaatccaaggaaaagggtcagtgaacctacagtaaaagagg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0742a: 15 bp deletion

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

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WT          CGGGGATAAGCAGAAAGTTTTATCAGCGAGGTTACAGTCGACGGCGGTGTAATATG
ZK0742a     CGGGGATAAGCAGAAAGTTTTATCAGC-----CGGCGGTGTAATATG
*****
WT          AGTTACAAGCCGATCG
ZK0742a     AGTTACAAGCCGATCG
*****
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