

ZKO394

Target Position: exon 2

Sense Strand Sequence:

atcttcagtc~~aatgacagc~~gctcacattctcttctgaaggtgacgcataagggaatatcgacg~~gggttttcggtgtcttct~~
gtcgggtgtgttatcagttt~~gtgttgatttctctc~~gatctcgaTGCAGATGCTTGTGCTGGTCGGTGTGTGCG
CGCTGCTGATCGCCGGAGCTTCTGCCCCGACAACGGCAATTTTTTGGACGACAAATGG
TTGACCGGGAGATGGGACAAATTCAGAGATgtgagtgtactcaccttaaaaaactatatttctgtt~~gttaa~~
atagacg~~catttctgtg~~catatagacg~~gcttgaagc~~gatgctgataagatcgg~~tcttgata~~cacagcc~~cttaattg~~gatc
tgtatgtctt~~gtttgagtg~~catg~~ccgtgtattttacg~~gtaag

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO394a: 16bp deletion

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

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WT          CAACGACAACGGCAATTTTTTGGACGACAAATGGTTGACCGGGAGATGGGACAAATTCAG
ZKO394a     CAACGACAACGGCAATTTTTTGGACGACA-----ATGGGACAAATTCAG
*****                                         *****
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WT          AGATGTGAGTGCTACT
ZKO394a     AGATGTGAGTGCTACT
*****
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