

ZKO419

Target Position: exon 3

Sense Strand Sequence:

ATTCAGTATGCCAGTAGACAGCACTTCTGAACTCCTCAAGCACTATGAGGTTTATGAAACCATT
GGCTCAGgtaatgtccctcaattgtttatttatatatataatataatttatatagagagaatttcaataaagagtaca
attgaattccactctaatccacagGTGGGTTTGCCAAGGTCAAACCTGGCAGACACAACTGACAGG
AGAGAAAGTAGCCATCAAATAATGGAGAAAAAAGATCTTGGGgtttgattcattttaaagccttta
ccatgaatcacaacattgaatgagtacctaataattacgaaggaagttatttctgaatttattcctgatattgagattta
ttactttgaaattcagaatagtgctttcaagtgtttatgttactagGATGATCTGCCAGAGTAAAGATAGAGA
TTGAGGCAATGAAGAACCTCAGTCATCAACATGTATGTCGTCTCTACCATGTCATTGAGACCAC
AAGCAAATCTACATGGTGCTTGAGgtatgcttt

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO419a: 8bp deletion

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

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WT          TCCACAGGTGGGTTTGCCAAGGTCAAACCTGGCAGACACAACTGACAGGAGAGAAAG
ZKO419a     TCCACAGGTGGGTTTGCCAAGGTCA-----AGACACAACTGACAGGAGAGAAAG
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