

ZK0851

Target position:exon3

Sense Strand Sequence

GTCTAACAGTGCAGAAGAAGCACTCAAGAATGTATTTTGATTTTTTCTTAACCTTAAACTGAA
GAAATATCAAACCTGGATGTTTTACCTGCAGTGTTCGCCTTCATCTAGAAAGATTCACACAC
CAATGCTTTCATTTACTAAAGTTGTTTTTTTTCTACAGTGTAAGAGCATTGAGTGCCGATA
CTGGCTGCCGCTCTCAGTCTCACGCTCTCGGATTTCTTGTGTTCTGTCCTCATCATCTGCCGCT
CTCTGTTAGCAGTGCTGAGCGCCGGTCAGGTTTCACCGTGGTGTGAGGTGGTGAGTCTGCTG
AAGTTCACCTTCATCACCTCCTCCATTGGAAGCTTAGGTACGACACTGAACTGTGGACTCAAG
TGTTCACTACTTCTGTGGGATGCATGTCTAAACAAA

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0851a: 5bp deletion

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

```
WT          GCTGAGCGCCGGTCAGGTTTCACCGTGGTGTGAGGTGGTGAGTCTGCTGAAGTTCA
ZK0851a     GCTGAGCGCCGGTCAGGTTTCACC-----GTGAGGTGGTGAGTCTGCTGAAGTTCA
*****
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ZK0851b: 4bp deletion

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

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WT          GCTGAGCGCCGGTCAGGTTTCACCGTGGTGTGAGGTGGTGAGTCTGCTGAAGTTCA
ZK0851b     GCTGAGCGCCGGTCAGGTTTCACCGTG----GAGGTGGTGAGTCTGCTGAAGTTCA
*****
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