

ZK0670

Target Position: exon 2

Sense Strand Sequence

```
GCTTGTCTGAGGAACTGGAGAGAATCAACAAAGAAATCGAGGCGGTGAGGAGTGAGGTG
GAGAAAGAACAAAAAGACTGTCTCAGTATCAGACATCACAGTCTCTCACACAAACAGGCCA
ATGCTCTGGAAAATATTTGCGAACCAACAAAAGTAGGCCTAAAGACCAAAATGGTAACCATT
GAAATCCAAAAAGCCTGTTTGCTCAAACTAGTGGTCAGAAGTATGTGGTTGACCGTGCCAGACC
CAAGACTGATTTGGAATATGACCCCTGTTCTAATTTTTTCAGCAGACTTGCTATCTAGCAGCTCA
GCAGAATGCAAGCTTAAGTCATCCGACAAAGTCGATATTGATCACGGTCTAAAGAGTAAACAA
ACCGGAAAAAATGTTCAACCTCTGTCGTCTCATT
```

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0670a: 3bp deletion,1bp insertion

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

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WT          TCCAAAAAGCCTGTTTGCTCAACTAGTGGTCAGAAGTATGTGGTTGACCGTGCCAGACC
ZK0370a     TCCAAAAAGCCTGTTTGCTCAACTAGTGGTCAGAA--CTGTGGTTGACCGTGCCAGACC
*****
*****
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