

ZK0866

Target position: exon2

Sense Strand Sequence

TACCTGAAGGAGAATAATCTGCACCGCACTCTGGCGATGCTCCAGGAGGAGACCACCGTCTC
TCTGCACACGGTGGACAGCATCGACAGCTTCATCTCGGACATCAACAACGGGCAGTGGGACA
TCGTGCTGCTTGCCATAAATATCTCAAACCTCCCACAAGCTGCTCATCGACCTCTACGAACA
Ggtaaagtagtcaaggtgcatttaggaccaatctgccc~~aaatgta~~acaacgctacagt

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: cas9 target site

ZK0866a: 4bp insertion

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

```
WT          GACAGCTTCATCTCGGACATCAACAACGGG----CAGTGGGACATCGTGCTGCTTGCCAT
ZK0866a     GACAGCTTCATCTCGGACATCAACAACGGGTTGACAGTGGGACATCGTGCTGCTTGCCAT
*****
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ZK0866b: 1bp deletion

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

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WT          CAGCTTCATCTCGGACATCAACAACGGGCAGTGGGACATCGTGCTGCTTGCCATAAATA
ZK0866b     CAGCTTCATCTCGGACATCAACAACGGGCA-TGGGACATCGTGCTGCTTGCCATAAATA
*****
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