

## ZKO671

Target Position: exon 2

Sense Strand Sequence

AGGAGGTTGGCAAATAGCAGCAACAACAGCGGAAATTCAAACTCTGCGTCACCTGCATCTGT  
AGCAACTGTCAAGCAGGAGCCCTGTGACCCATACGGCCCCAGCAACGGCCCTAACTCAGGCA  
GCAGTGGCTTTGTATGGGTAGGCGTCGCAGATAAATGGCCATCGACAAGTTGCTCAGCACCC  
AGTGGCAGTAGCCTCTCACCAGACTCAGCAATTCAGAAGTTAAAGGCAGCCGCAACGCCGT  
GCTCCAAGACAAGAACGCGGTGGCCTCCTCCACCTCGGCATCTTCATCCTCCTCGTCCTCCTCC  
TCATCCTCTTCAGTCACCTCCTCCTCAATGGCAGCCCTGGGCACTCGCTCTGATGACGCAGTGC  
GCTTTGAACCATTCGCTTCACCCTTTAGCC

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

### ZKO671a: 5bp deletion

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

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WT          CAGCCGCCAACGCCGTGCTCCAAGACAAGAACGCGGTGGCCTCCTCCACCTCGGCATCT
ZKO671a     CAGCCGCCAACGCCGTGCTCCAAGACAAGAAC-----GGCCTCCTCCACCTCGGCATCT
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