

ZKO678

Target Position: exon 3

Sense Strand Sequence

```
ccttcacagAAGAGATGCCTAATGCCACTACAAGACCAAAGAGAACGAGGCGTCATAGACGAGC  
TCAGAGGGAAGATGCTGCAAGAAATGAGCTGGTGTCAAGATCCTTGAAAGTGCTCAGCAG  
TGTCTGTTCAGTGAGGACTATGGCACTGCTTTTGTTCACATCTGTTAGTTCTCAACCTCGCTCC  
AGCTCTGAAAGACTTTGC
```

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO678: 2bp insertion

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

```
WT          ACCAAAGAGAACGAGGCGTCATAGACGAG--CTCAGAGGGAAGATGCTGCAAGAAATGAG  
ZKO678     ACCAAAGAGAACGAGGCGTCATAGACGAGCTCTCAGAGGGAAGATGCTGCAAGAAATGAG  
           *****  
           *****
```