

## ZKO60

Target Position: exon 3

Sense Strand Sequence

tcactttgactaccgttgccattaataggtataggcttaggtttaattttataactgataataagtcaacagtatcattcaatta  
gaaaaacaatacaaaacttcatcttttgcctgtagtatagactgaaaaagtgctttcacaatctgaaaaacaaaacttcttact  
cttcttcagGATGATCACAAACTGACATTGGAGGAGCTCAGCAGGAAATATGGAAGTCTGAACAAG  
gtaggttaatgacaatttgggtgaaataataatgatgatgatgaccttagaacatttacattaatatattggatgat  
ttatatttatgatttatttaatgattatacaactttatgttcagaagccagcagctatt

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

### ZKO60a: 5bp deletion

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

```
WT          AGGATGATCACAACTGACATTGGAGGAGCTCAGCAGGAAATATGGAAGTCTGAACA
ZKO60a     AGGATGATCACAACTGACATTGGAGG-----AGCAGGAAATATGGAAGTCTGAACA
*****
*****
```