



## ZKO1192

Target Position: exon 2

Sense Strand Sequence

tatgaggaaatgtctgatgtccttgaattccaacgattttcaaaatcatactttacggggtctttgacagtcaaatagtgccacagatTTTT  
ggcctatggagagtctctgtaacccccctataccaacatgtgtgtgtgtgtgtgtgtgtgtgcagCGGTCTGACGCACGA  
GTCTCACGCGCGGGATGTGGAGCAGGTGTATCTGCGCTGTGCTGAAGGCTCTCTG  
CAGTGGCTGTATCCCACCGGAGCGGTGATGGTGAACCTGCGGCCGAACCTGCCGT  
CCTCCGCTGATCTACGTGTGTGTGTGAAGCCGAGGCGGGACTCTCGCGGGGCCAC  
TGTGCTGCTGGAGCGGGCGGGAGCGCTGCGGGTGCTGCTGAGCGAGGAGGAGCA  
GGCGGCGGGACGCGTGCGCTGCTTCAGTCT

Uppercase: exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

### ZKO1192a: 1bp deletion

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

```
WT          AGGTGTATCTGCGCTGTGCTGAAGGCTCTCTGCAGTGGCTGTATCCCACCGGAGCGGTGA
ZKO1192a   AGGTGTATCTGCGCTGTGCTGAAGGCTCTCT-CAGTGGCTGTATCCCACCGGAGCGGTGA
*****
```

