ZKO426

Target Position: exon 3

Sense Strand Sequence

tttttcccctgaaggcaagagctgtattgattttattcctagaacatgttctatcttaaataatacaggatgctatctttgttt
ctgattgtttctatctttgcttttgctcgtgtcttcctgtctatagGATGAAGTCAATCAGATCATGGAAACAAA
CCTTTGGCTGAGACATgtaagtggagtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgtgcagcacgtaggcc
ttgtgcatgcatttctgtcaacaaaaaacaaacaaacatcccatcctctttatgtcttgttatgccactgacagaatgaatg
caccattgcgcaaaactgtgaatagcacaggcatacctcaggaaggggttgagtaatgcagagaaataagaattcagt
agatatgtacagggaacaaatgaggtggtgga

Uppercase: Exon/coding sequence
Lowercase: intron/noncoding sequence
atcg : Forward/Reverse primer
atcg : cas9 target site

ZKO426a: 5bp deletion

```
CLUSTAL format alignment by MAFFT G-INS-i (v6.850b)

WT              gtcttcctgtctatagGATGAAGTCAATCAGATCATGGAAACAAACCTTTGGCTGAGACA
ZKO426a         gtcttcctgtctatagGATGAAGTCA-----ATCATGGAAACAAACCTTTGGCTGAGACA
                **************************     ******************************

WT              Tgtaa
ZKO426a         Tgtaa
                *****
```

ZKO426b: 7bp deletion

```
CLUSTAL format alignment by MAFFT G-INS-i (v6.850b)

WT              tcttcctgtctatagGATGAAGTCAATCAGATCATGGAAACAAACCTTTGGCTGAGACAT
ZKO426b         tcttcctgtctatagGATGAAGTCAATCA-------GAAACAAACCTTTGGCTGAGACAT
                ******************************       *************************

WT              gtaagtg
ZKO426b         gtaagtg
                *******
```