

ZKO274

Target Position: exon 5

Sense Strand Sequence

```
GTTGGGACTAATGCCTTGA GCACATACGCCATCACCACGAACA ACTACTTTTACTTGGACGTAC
AGACGCAGGGCGATGGCAACCGCTTCGCAGAGCTCGTGCTGGATAAACCCCTGGACCGAGA
GCAGCAGGCGATCCACAAATACGTGCTCACCGCCGTAGAC GGAGGGCAGCCGCAGAGGACT
GGCACC GCACTGCTAGTGGTTAAAGTGCTGGACTCAAACGACAACGCGCCCACGTTTCGATCA
ATCCGTTTACTCTGTGAGCTTGC GCGAGA ACTCTCCAGTTGGCACGCTCGTTATT CAGCTCAAC
GCCAGCGACAT
```

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO274b: 17bp deletion

CLUSTAL format alignment by MAFFT G-INS-i (v7.215)

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WT          ATACGTGCTCACCGCCGTAGACGGAGGGCAGCCGCAGAGGACTGGCACC GCACTGCTAGT
ZKO274b     ATACGTGCTCACCGCCGTAGACGGAG-----GGCACC GCACTGCTAGT
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*****
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