

ZK0879

Target Position: exon 4

Sense Strand Sequence

aggtttatgattgtcccagGCTTGGTGGTTCACGAGGACCCTTACACAGATCTGTGGGGCCAATG
GGTGA TGGAGAACAATGATAATGTTTGGGTGTACATGGACATACCAACCTCATACCGGAAA
GgtaggacaaataattccaggagtatgtttgttagatgtgtgtgtttactaatgtaatcctattctcctagATTATCTG
CAGGCAGTTCAA GGATTGCCGTGTTGCCTG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0879a: 13bp deletion

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

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WT          GTGGTTCACGAGGACCCTTACACAGATCTGTGGGGCCAATGGGTGATGGAGAACAATGA
ZK0879a     GTGGTTCACGAGGACCCTTACACAGATCT-----GTGATGGAGAACAATGA
            *****
            *****

WT          TAATGTTGGGTGTACATGG
ZK0879a     TAATGTTGGGTGTACATGG
            *****
```