

ZK0381

Target Position: exon 2

Sense Strand Sequence

agggacctactaggcttggttaaattgtgaagacacggaacaaaaataccgttgaaccggtccgtcctttaaacttccc
cccatacgtcacacgtgtaaacgatagacgtttacttaaattaacaaatatggaagttaactcatttcgactacataa
tcagaatatacatttaaattgtcgcgtttactaattggcgttcttatttcagCCTAAAGGGAGAAAACCAAAGGGG
CCGGTGGAGAAAAAGGTTATTCACCCATCTGGCCAGAGATGCCATCAAACAAGAGAGGAAA
GAAAAgtaagagcctttccaattcag

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0381a: 4bp deletion

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

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WT          GGGCCGGTGGAGAAAAAGGTTATTCACCCATACAGCAGGAAAGCCGCCTATCTGGCCAGA
ZK0381a     GGGCCGGTGGAGAAAAAGGTTATTCACC-----CAGCAGGAAAGCCGCCTATCTGGCCAGA
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