

ZKO907

Target Position: exon 2

Sense Strand Sequence

aaataccaacctcacctcagtcctttgacaagtaatgtgaattcctgtaaacctgtgatatttaacctatatgtccagtttcac
aattcagggatctgccATGGTGGATGTGAGTAAGTGGCCTCTCTTCACCCTCTTGAGTGCACAGGA
GCTCTCCTCTATTCGACAGGCATGCATCTTTGGCGCGTCTGCGAATGAGGCCATCTACATCACC
CACGATGATGAAgtaagctgactgcgaaactgatagtgcttctttgtctgtgtgggtcttcagtgactgtttcagtagt
ttatatactggtaacgaaataaagggtcactatgcgcttcagttgtccatatgaaaactgatctgggtgtcctgggacagg
tgtacgtgtgggttgaactgcagtaactgtctgggcactggaga

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO907a: 4bp deletion

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

```
WT          ACCCTCTTGAGTGCACAGGAGCTCTCCTCTATTCGACAGGCATCTTTGGCGCGTCTGCGA
ZKO907a     ACCCTCTTGAGTGCACAGGAGCTCTCCTCT-----GACAGGCATCTTTGGCGCGTCTGCGA
*****
*****
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ZKO907b: 5bp deletion

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

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WT          CCCTCTTGAGTGCACAGGAGCTCTCCTCTATTCGACAGGCATCTTTGGCGCGTCTGCGAA
ZKO907b     CCCTCTTGAGTGCACAGGAGCTCTCCTCT-----ACAGGCATCTTTGGCGCGTCTGCGAA
*****
*****
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