

ZKO628

Target Position: exon4

Sense Strand Sequence

cgcataattgcatgaggagcctaaactgctcattttaaataatggcatgaatcaaacagtgactcagttgtttgtctctgcc
tctctcaaacaactttcagACAATGCAAGCTGTCAACAAAAAGATGGATCCAAAGAAGACCATGCA
GACCCTGCAGAACTTCCAGAAAGAAACCGCAAAGATGGACATGACAGAGGAGATGAgtaaga
catgtttttattttattgctgttgggtatgtttataagtgggttttaaaaaacaagtaatttgcctaaccagacggact
atgct

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO628a: 1bp insertion

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

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WT          AACAAAAAGATGGATCCAAAGAAGACCATGC-AGACCCTGCAGAACTTCCAGAAAGAAAC
ZKO628a     AACAAAAAGATGGATCCAAAGAAGACCATGCAAGACCCTGCAGAACTTCCAGAAAGAAAC
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