

ZKO245

Target Position: exon 2

Sense Strand Sequence

GCATTGATTCGGTGGTCGTGGTGGACAACGTTCCCTCAGGTGGGCCCTGAAAGACTGGAAAA
ACTAAAAAATGTGATCCATAAAATCTTCTCCAAATTCGGAAAAATCACAAACGAATTTTATCC
TGAAGCAGCTGGGACCACCAAGGgtaaataatgactttcaaatgtaaagatttagcagataaaaccataa
aatatgaccataatgtggtatcagatgtgaaacagcagccgtgtttttgttctcagGTACATCTTTCTGGAGTATG
CTTCCCCTAACCAGGCTCTGGAAGCGGTGAAGAGTGCAGACGGTTACAAGCTGGACAAACA
GCACACATTCAGAGTCAACCTCTTCACAGATTTTGACAAgtatgtttgagtaggttatatatattgaaag
cagaatataatggttatgattggtttatgactctttgcctga

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZKO245a: 4bp deletion

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

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WT          AGGTACATCTTTCTGGAGTATGCTTCCCCTAACCAGGCTCTGGAAGCGGTGAAGAGTGCA
ZKO245a     AGGTACATCTTTCTGGAGTATGCTTCCCCT----AGGCTCTGGAAGCGGTGAAGAGTGCA
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