ZKO1158

target Position: exon 2

Sense Strand Sequence
AGCCACCTAACCCAACAACAATAATTTAACAGCTAAAAAACATTCAACTTCCTCAAATTTCAG
CATTTTGTCTGGCAAAATGAGACATTTGCCATATTAAATGAGACACTGCTGCAGTTTTAGTA
CTAGCTGGTACTGTTTAATTTCTTCTTCTTCCTATTATTATTAAATACGCAAGTTTTCAAGCGC
TCTGATTTGATCTCCTCAGATATGTGCTGTCGGCTCCTAATCTGCTGAGAGTGGGTTCATCA
GAGAACGTGTTTGTGGAGGCGCAGGATTACTCTAAAAATGCTTTTGAAGTGAAAATCACAG
TAAAAAACCACCCGAAGAAAGACAAGCAGATCCTGACCAAATCAGTGAATCTGAATGCACA
AAACAATTTCCAGATCCTCACAGATATAAAGgtgagcgctcctaaatcacaatgcagtgatgccatctttgc
atttcattttggatgtagctaatacatgaatcttctgatatttagATCCCTGATGATCAGAACTTGTTCTCCGA
TGATCCTCTGGAGAAGCAGTATGTGTATCTGCAAGCTATTTTCCCGGATCACACTCTGGAGA
AAGTGGTCTTGCTGTCGTTCCAGTCTGGATATATATTTGTACAGACTGACAAGCCCATCTAC
ACGCCTTC

Uppercase: Exon/coding sequence
lowercase: intron/noncoding sequence
atcg : Forward/Reverse primer
atcg : cas9 target site

ZKO1158a: 1bp deletion

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

WT              GAAGTGAAAATCACAGTAAAAAACCACCCGAAGAAAGACAAGCAGATCCTGACCAAATCA
ZKO1158a        GAAGTGAAAATCACAGTAAAAAACCACCCGAA-AAAGACAAGCAGATCCTGACCAAATCA
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