

ZK0362

Target Position: exon 4

Sense Strand Sequence

ctatggcatcaccagccttgaaacaaacagggtaacattcttgagctctattctcttatctgtgtgtttctgtttccctaatgc
ctgagtgtcttattgtgtcctatgtgtgtgttctgcagGCAGTCAGAGTTATTGGTGACCTTAAACAGACA
GCTGGAGAGGTGCCTGAGGAATTCAAATGCATAGACACAGAATCCCTCTGTGTAGTTTCAG
GAGAAAAGgtgacatatgataacatatacacttcagagttattcattcattttcttttcagcttagtccctttattaat
caggggttgccacagcgggaataaacggcaactatccagcttatgttttacagcgaataccctccagctgcaacc
accctgggagacaccatacactcttgattcacactcatgcactacggacaatttagctatacaaattcacctgtaccgc
attgtctttg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0362a: 11bp deletion

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

WT	TTATTGGTGACCTTAAACAGACAGCTGGAGAGGTGCCTGAGGAATTCAAATGCATAGAC
ZK0362a	TTATTGGTGACCTTAAACAGACAGCTG-----GAGGAATTCAAATGCATAGAC

WT	ACAGAATCCCT
ZK0362a	ACAGAATCCCT
