

ZK0354

Target Position: exon 6

Sense Strand Sequence

tggatggtatgatgttacacagagctccccccagtgaggagaacctagatgaattttcaaacgtttgaaacggtataatgata
acacaacttctgtcctaacagGGAGCTGAATAGGAATACAGCAGTGAAGATTGTACACACATCAGTT
CATGGAGTGGGACATATTTTTGTCCAGGCTGCTTTTAAGGCCTTCGATCTTCAGCCTCCATATG
CCGTGGAAGAACAGAAAGATCCTGATCCGGAGTTCCTACCGTCAAATACCCAAACCC**TGAG**
GAGGGAGAGGGAGTCCTGgtacagtacactgacacaaacacacagtctgcattattcaaattgcctttgatctg
aaaaagtacatttagtcttatattacagaaaaaatgccttttggatcaactaaataaataactacaacttcttacgct
taaaaagaataaagttttccaacgtgtttattactgaaaccacaataaattaagtggaaactatttcattcatgctgtt**gt**
atcaagctgaaataattggtta

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site (reversed)

ZK0354a: 20 bp deletion

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

WT	TCCCTACCGTCAAATACCCAAACCC TGAGGAGGGAGAGGGAGTCC TGgtacagtacact
ZK0354a	TCCCTACCGTCAAATACCCAAAC-----CCTGgtacagtacact

WT	gacacaaacac
ZK0354a	gacacaaacac
