

ZK0384

Target Position: exon 3

Sense Strand Sequence

ggttaccaaggtgaccagtgaagggtgagtaaacgatgacagaagttcaatthgggtgaaccatccccttaaacag
atctcttcacttgacaatattttctcattcttcataaactctcgatttctgccacacaacggcagAGTCCAGTTTGA
GTTGTGGGACTCTGATGACCCCGTGCCCGAGTGGAGCTGCTGAACAAGGTCAAAGGTTGT
GATGGGATTCTGTGTGTACTTACAGAGAAGATTGATGCACAGCTGCTGGACGTGGCAGgtagc
ttcatgattgtaagactgacaccaaagtgagaaaacttactgacgtattgaatgcattttctaacaatccagGTCCAA
ATCTGAAA**GTCCTCAGCACCATGTCAGT**GGGCTATGATCACCTTTCTCTCGAAGAGCTTAAGA
AAAGgtcagttgattgccctttactcacttcaagttgtccaatatctgagacctttattcattattggaacaacaatta
agatatttagatcaggggtcaccaat**cctggtcctgatgaacct**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0384a: 8bp deletion

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

WT	GGTCCAAATCTGAAAGTCTCAGCACCATGTCAGTGGGCTATGATCACCTTTCTCTCGAA
ZK0384a	GGTCCAAATCTGAAAGTCTCAGCACCAT-----GCTATGATCACCTTTCTCTCGAA

WT	GAGCTTAA
ZK0384a	GAGCTTAA
