

ZK0352

Target Position: exon 5

Sense Strand Sequence

tgtctcttgcttcagTCTCTGTAAATAAGTCAGAGAATACTTCGGACCACCATGAGCTTCTCAAAC
CAATCAAATCTGAGCCGCACCCCTGAACATACTCAGGACAACCACAGCCAAGAGAAATCGGT
CATCACTGCCTTACCGAATTATAATGAgtgagtgatctcacacatacacatgcatgcatgtacacacagacat
gctatcattcattctgttcactctgcattgtttatcctacaataaaaagtaggttaaattagagtgtgctacagtatgtgt
ctgactgtaaggcaggttacaactgtttttagcaggttttgacatgcaatactgtacatctgcttgtaaaaacaactg
tgtgatgccttatggaagactgttattacacaaatgctgtctt

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

ZK0352a: 5bp deletion

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

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WT          ACTTCGGACCACCATGAGCTTCTCAAACCAATCAAATCTGAGCCGCACCCTGAACATACT
ZK0352a     ACTTCGGACCACCATGAGCTTCTCAAACC-----AATCTGAGCCGCACCCTGAACATACT
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