



ZKO1173

Target Position: exon 4

Sense Strand Sequence

GGATgtacgtactaatcttgtttacattgtagaattattataatcgttttataaatattacaaccgtttcatcaatagTAAATTCTA
AAGGTTTTTCGATCAAATGTGATTGGATCAGTGGGTGAAGGCAAATCCATCTCGCAG
ACGGCCTCAACAGCCGTGCCACTGGATTCA**GATCGCACTGCACCGTTATC**AGgtaatgt
ttctcatgtgaataatgatgcacaaataattcaaacatataactggaatgggtgg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: cas9 target site

ZKO1173b: 8bp deletion

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

WT	TGCCACTGGATTCAGATCGCACTGCACCGTTATCAGGTAATGTTTCTCATGTGAAATAAT
ZKO1173b	TGCCACTGGATTCGGATTGCACTGCACC-----GTAATGTTTCTCATGTGAAATAAT
	*****.***.*****

