

junbb^{ihb381/+} (CZRC catalog ID: CZ171)

Nature of the mutation

5bp deleted, Between 127bp to 132bp of the wild-type *junbb* coding sequence, CCGCC is deleted in exon1.

Sense Strand Sequence

cgctgaactgtcaggctcgccagctgaaccaccggtttcaactctATGAGTACAAAATGGAGCAGCCGTT
TTACCACGACGACTCGTTTCTGTTGGGTTACGGTCACAACGACGCGGCTCTACACG
ACTACAAACTCCAGAAACCGGGCATGAACTTGAACGTGACCGAGCCGCCCTATCG
GAGCCTCAAATCGGACCTCTATCAGGCGTCCAGCGCCGATGTGGGCTCACTCAA
CTGGCCTCCCCGGAGCTGGAGAGGCTCATCATCCAGACGGGCAACGGCGTGCTGA
CGACCCACACCGGGCCAGTACCTCTACGGTCGGGGGATCACCGACGAGCAGGA
GGGCTTCGCGGAGGGCTTCGTCAAGGCTCTGGATGAGCTCCACAAGATGAACCAG
ATGCCCCCGCCCAACGTGTCGATTGGAGCCGGCGGCGTGACGACGTGCTCGACAA
CTGCGTCCGTTTTCGGCTCCTCCCTGCAGTCGGAGCCTCCCATTAACAGACGCTG
AACGCATACTG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:





CZ170_forward:5'-CGCTGAACTGTCAGGCTCG-3'

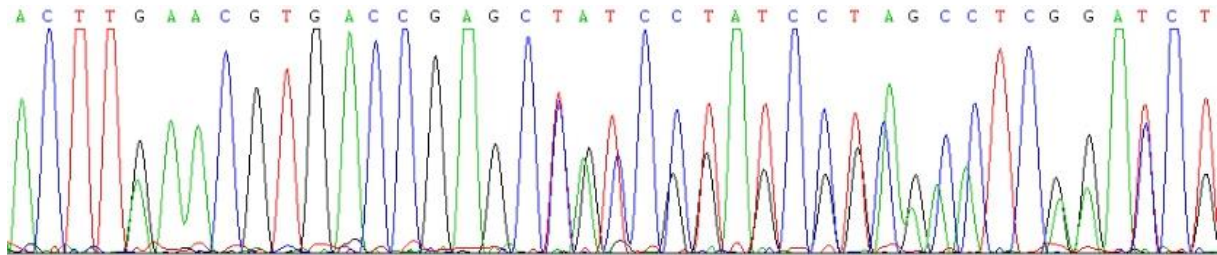
CZ170_reverse:5'-CAGTATGCGTTCAGCGTCGTG-3'

PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
58°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

Product size: 526p

The sequencing results:



Reference

None

