



junba^{ihb380/+} (CZRC catalog ID: CZ170)

Nature of the mutation

11bp deleted, Between 668bp to 679bp of the wild-type *junba* coding sequence, CGCCTCCTTAC is deleted in exon1.

Sense Strand Sequence

CGACTCGTTTCTTTCTGCTTATGGT CATCCAGACGCTGCCCTGCACGACTACAAGC
TCCTAAAGCAGAACATGAGCGTGAGCTTCGCCGAACCCTACCGGAACCTCAAGAC
CCTCCGCTCCGAAAGCGACTTCTACACGGCGGCGACCGGAGACGTGGGCTCGCTG
AAACTCGCCTCTCCGGAGCTAGAGAGACTCATCATCCAGAACGGTAACGGCGTCA
TCACATCACCCACGCCGGGGCAGTATTTGTACGGTCGGAGCATCACAGAGGAGCA
AGAGGGCTTCGCGGACGGATTCGTCAAAGCGCTGGACGAGCTCCACAAAATGAA
CCAAATGCCCCCGCCGAACGTGTCCATCGGAGCCCCGGGGTGTGAGTTGTTCG
GTGGCGTCGTCAGTCTTCGGCGCCT CCTTACCGCCCGAGACTCCGGTGTACACCAC
CCTGAACAGCTGCAATCCTAACACTAACCTCACACCTGCAGCCAACTACCCGACA
GCCACCATCAGCTACCTGCCTCACCATCACCACCACCAGCAG TACCACCACCATCA
CCACCAG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:





CZ170_forward:5'-CGACTCGTTTCTTTCTGCTTATGGT-3'

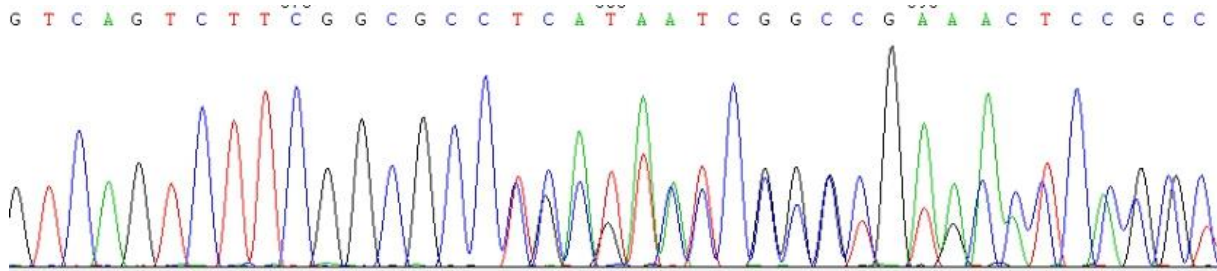
CZ170_reverse:5'-CTGGTGGTGATGGTGGTGGTA-3'

PCR program:

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

Product size: 559p

The sequencing results:



Reference

None

