nf2b$^{ihb461/+\ (AB)}$（CZRC catalog ID：CZ1412）

Nature of the mutation

5bp deletion，Between 50bp to 55bp of the wild-type *nf2b* coding sequence, CCGCT is deleted in exon6.

Sense Strand Sequence

gtctccgtatcagtgtttt atgaagggacacactcaatgtatatcgttttattaaatatgacattctttctgcag TACGGGGACTAC
GATCCAAACTTTCACAAACCAGGTTTCTTAGCTCAAGATGAACTCTTGcccaaaagagtg
agtaatggctctacttgactacttgaaaataagccaacatttgcattctttaagatggtttatgtgatctgtgtgctttattgtgcag GTGTT
GATGCAGTATCAGATGACACCAGACATGTG GGAGGAGAAGATAACCGCT TGGTAT
GCTGAACACAGAAACATCACAAGgtaaaactgtgcacgtcctgctgctgtttgtgtgtgtgtgtgtgtgtgtgtgtgt
gtgtgtgtgtgtgtgtgtctaaaccaccttcctcat

Uppercase: Exon/coding sequence
Lowercase: intron/noncoding sequence
atcg: Forward/Reverse primer
atcg: Crisper/cas9 target site

Genotyping assay

Primers:
CZ1412_forward:5'- GTCTCCGTATCAGTGTTT -3'
CZ1412_reverse:5'- ATGAGGAAGGTGGTTTAG -3'

PCR program:

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

Product size: 409bp

Reference

None

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