



## *eef1a1b*<sup>ihb99/+</sup> (CZRC catalog ID: CZ1263)

### Nature of the mutation

3bp deletion, 8bp insertion, Between 118bp to 120 bp of the wild-type *eef1a1b* coding sequence, AGT is changed to CCTCATTT in exon3.

### Sense Strand Sequence

tcgcagtacatctgaccgcaattagaccataaataacttatttgatgatgaattatttagtctcttttccttttcagGCTGGCTGT  
AACTCAATGAGAGCGCAGCGATGGGCAAGGAGAAGCTCCATATCAACATTGTGGT  
CATTGGCCATGTGGATTCAGGAAAGTCCACCACCACTGGCCACCTCATTTACAAGT  
GTGGAGGCATCGACAAGAGGACCATTGAAAAGTTTGAGAAGGAAGCTGCAGAGgt  
atagctgattgatgtagtgttattaatacaattttaaacagactcaatgtgtgaaatgatgacttactccacaatatttaaaaaaagagtgc  
tgaagtactgaatatcagggtgagtcatacagtagatgtaagcatttcccattg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### Genotyping assay

#### Primers:

CZ1263\_forward: 5'- TCGCAGTACATCTGACCG-3'

CZ1263\_reverse: 5'- CAATGGGAAATGCTTACA-3'

#### PCR program:

95°C 5min  
95°C 30sec }  
55°C 30sec } 30 cycles  
72°C 30sec }  
95°C 10min  
4°C hold

Product size: 405p

