



## *tmc2b*<sup>ihb613/+</sup> (CZRC catalog ID: CZ1599)

### Nature of the mutation

5bp deletion, Between 42bp to 46bp of the wild-type *tmc2b* coding sequence, CCTGC is deleted in exon2.

### Sense Strand Sequence

gttgaccattcattctgctgtggcaaccctgattaacaaagggactaagccgaaaagatgaataataataata  
atgtgataaaatattttattattgttattttatattaattttaaattctttaaattttcttgaatcacagtcagttttctacctat  
ctatttctttgcagTGGACTCAAAAAGAAGAGCAAAAAGGCA**GGAATAAACCA**  
**AAACCTG**CGGCGCGAGGAAGGAAAGCCAAACCAGCAGACAGTGTGG  
AGGAGAGCGAAGAAGAGGAGGATGAATCGCCGCGCAAGAGGAGAG  
GCCGGAGGAAGAAGCAAGAAGAGGAGGATGAGAGTGAGGAAGAAC  
AGAAGGGAAGAAGAAAGAAAGCTGTCAATTCCAGGAA**GAGAACAGC**  
**AAAGAAAGACG**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

**atcg**: Forward/Reverse primer

**atcg**: Crisper/cas9 target site

>WT

TGGACTCAAAAAGAAGAGCAAAAAGGCGAGGAATAAACCAAAA**CCTGC**GGGCGCGAG  
GAAGGAAAGCCAAACCAGC

>ihb613

TGGACTCAAAAAGAAGAGCAAAAAGGCGAGGAATAAACCAAAAAGGCGCGAGGAAG  
GAAAGCCAAACCAGC

### Reference

None

