



tmc2b^{ihb614/+} (CZRC catalog ID: CZ1600)

Nature of the mutation

1bp insertion, Between 255bp to 256bp of the wild-type *tmc2b* coding sequence, G is inserted in exon2.

Sense Strand Sequence

GGCAGGAATAAACCAAACCTGCGGCGCGAGGAAGGAAAGCCAAA
CCAGCAGACAGTGTGGAGGAGAGCGAAGAAGAGGAGGATGAATCGC
CGCGCAAGAGGAGAGGCCGGAGGAAGAAGCAAGAAGAGGAGGATG
AGAGTGAGGAAGAACAGAAGGGAAGAAGAAAGAAAGCTGTCAATTC
CAGGAAGAGAACAGCAAAGAAAGACGAGTCAGAG**GGAGGAGAGCGA**
AGAGGAAAAgggaaataaaaggagaggaggagaaaaggagcaactaagaaggagaaagaggagg
agaataacaaggagaagaaaggaatggcaaagccggaggaaaaggaagtaacgataaacaggatgataagg
ataaagataagaaaaagaacaaaggcaaaaac**agcaggtgcagtattcttagtc**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

>WT

CAGGAAGAGAACAGCAAAGAAAGACGAGTCAGAGGAGGAGAGCGAAGAGGAA
AAgggaaataaaaggagaggaggagaaaaggagcaactaagaaggagaaagaggagg

>ihb614

CAGGAAGAGAACAGCAAAGAAAGACGAGTCAGAGGAGGAGAGCGAAGAGG**GA**
AAAgggaaataaaaggagaggaggagaaaaggagcaactaagaaggagaaagaggagg

Reference

None

