



***ednrba*^{ihb441/+} (CZRC catalog ID: CZ1386)**

Nature of the mutation

In 233 bp of the wild-type *ednrba* coding sequence, T is deleted in exon 1.

Sense Strand Sequence

AGCCTACAGACGGGTTGATATCTGTGTTATGCTAAAGAAAACAGTGCTGACTGTTA
AATAGTCATGCGTTTCCAAATTATTATGGAAACAAGATGCGTTTTTTGTTTTTTGTTT
CTCCTGACTGAACACATTGCAGTGATGAGTGCTCAAGGAAAGGATTTAATCAGA
GTCGGCTTTCCATGGGACCTTTGTCTCCAACCTCAAAAATCTACGATTGTAATAGGA
AACCAGATCAACGAGTCCATGCCTCGGCGACCAAAAGTTTTGCCTCCTATGTGTAC
AGATCCCACGGAAATCAGGGACACCTTCAAGTATATTAACACCGTGGTTTCATGCC
TTGTATTTGTAGTTGGTATAATCGGAAATTCCACGCTGCTTAGAATCATTATAAAAA
CAAATGCATGCGGAACGGTCCAAATATTCTCATTGCAAGTCTGGCGCTTGGGGACC
TCTTACACATC

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

***ednrba*_forward: 5' AGCCTACAGACGGGTTGATA 3'**

***ednrba*_reverse: 5' GATGTGTAAGAGGTCCCCAA 3'**

PCR program:

95°C	5min	
95°C	30 sec	} 30 Cycles
58°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

Product size: 462 bp

