



***edn3b*^{ihb529/+} (CZRC catalog ID: CZ1479)**

Nature of the mutation

In the 109 bp of the wild-type *edn3b* coding sequence, T are deleted in exon 2.

Sense Strand Sequence

taaatctgtaactcaaaactcttgcatggattttcttttgattgggggtgaaacatccctgcaatgtttgtaagggtcaccaattgcagtatat
gtgctttgacttttgataattgaattaaattccagATACATCGTTTTCCAGTGAGGGAGACTTGC ACTCA
TCTCCA GTCTTCTCTGGTGGTTCC AGCAGTGTTGGACATCAGCAGAAAGAAGCGA
AGCTTGTTTCAGCATCACACGCTCACACAAGATCCAAGCGCTGCACTTGCTACTCT
TTCAAAGACAGAGAATGTGTTTATTACTGTCATTTGGGCATCATCTGGATCAACACC
CCACAgtgagtacattatcctcattccaagctgataaaagtatgataaagtcataactgtatacaggttgtgacgttactcttctgct
gtcacacataac

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

***edn3b*_forward:** 5' TAAATCTGTA ACTTCAA ACT 3'

***edn3b*_reverse:** 5' GTTATGTGTGACAGCGAAAG 3'

PCR program:

95°C	5min	
95°C	30 sec	} 30 Cycles
53°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

Product size: 441 bp





国家水生生物种质资源库国家斑马鱼资源中心
China Zebrafish Resource Center (CZRC)
National Aquatic Biological Resource Center (NABRC)

Reference:

None

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