



## ***atoh1b*<sup>ihb545/+</sup> (CZRC catalog ID: CZ1540)**

### **Nature of the mutation**

7bp deletion, Between 109bp to 116bp of the wild-type *atoh1b* coding sequence, ACCTCTG is deleted in exon1.

### **Sense Strand Sequence**

CTGAGCACGGCATTCTTTATATGCATTCTACACAAGCAATGACTGCAAAAACGA  
AGCTTTTGCATTGGACAGATGGACACTTTCGGGAGGAGTTTTCCATCTCTGAACAT  
CCCAGGCTGACCCGGAGTGACCCGC GGGCCTGGATGACCTCTG CGGCTCCTGAGT  
ACTCCTCTGCCGTGGAGAATTACGCACGCACCGCCGCTGATTCTCCAATGGAAAA  
GTACATATCTAGCCCTCAAGCTGCCTCTGAAGATCATCATGCAGGATCTAAAGCTCG  
TCCTGGGAGTAAAGCATCTGTCAGTGGCCCTCAGAGACACAGGCGCGTGGCCGCA  
AATGCGCGTG AACGGCGGAGAATGCA

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### **Genotyping assay**

#### **Primers:**

CZ1540-forward: 5' CTGAGCACGGCATTCTTT 3'

CZ1540-reverse: 5' TGCATTCTCCGCCGTT 3'





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China Zebrafish Resource Center (CZRC)  
National Aquatic Biological Resource Center (NABRC)

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**PCR program:**

95°C	5min	}	30 cycles
95°C	30sec		
58°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

**Product size: 359bp**

**Reference**

None

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