



## ***bloc1s5*<sup>ihb579/+</sup> (CZRC catalog ID: CZ1568)**

### **Nature of the mutation**

In 186 bp of the wild-type *bloc1s5* coding sequence, T is inserted in exon 3.

### **Sense Strand Sequence**

atattccccagGAGAAACGTGCTTTCAGAGAATGCCGCTTGCTTGAAAATCTGAATAAGA  
TGACGTCAGACACCAATGAGCATGATTTGCCACGCTGCACAGAGAGTATGCACGA  
GAAACTGTGTGACGCTCTCACAAGACgtaagtcacattattagaataaatggcgtgatgaagtgaag

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

### **Genotyping assay**

#### **Primers:**

*bloc1s5*\_forward2: 5' ATATTCCCCAGGAGAAACGT 3'

*bloc1s5*\_reverse2: 5' CTTTCACTTCATCACGCCAT 3'

#### **PCR program:**

95°C	5min	} 30 Cycles
95°C	30 sec	
51°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

**Product size: 184 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)

**The sequencing results of the CZ1568:**

WT TGACGTCAGACACCAATGAGCATGATTTGCCACGC-TGCACAGAGAGTATGCACGAGAAA  
ihb579 TGACGTCAGACACCAATGAGCATGATTTGCCACGCTTGCACAGAGAGTATGCACGAGAAA  
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**Reference:**

None

