

## *il15ra*<sup>ihb453/+</sup> (CZRC catalog ID: CZ1401)

### Nature of the mutation

Between 233 bp to 249 bp of the wild-type *il15ra* coding sequence, GGACATCAGCTCTTCCT is deleted in exon 2.

### Sense Strand Sequence

TGTGGACCTCCGAAGAAGGCACTCAACACTGAACCTGTTACTGGGAATTATTCCT  
TAATTCCTCTATTCGTATTCAGTGCGTTGCTGGCTACGTGAGGAAAGTAGGAACATC  
CAACCTGATTGCTGCCTTAAAGAACATGACAAGGACAAGCCA**TCCTGGACATCA**  
**GCTCTTCC**TCTTGTATGCATACGTAAGAACTTTTTTTTTTTTCCAGAgctactgcagaacca  
cagagatggtgtgaccattcccttgttaatctggctaaattatcacttttcattgattgatgtattgatt**gattgtcctgtgcaggct**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

**atcg** : Forward/Reverse primer

**atcg** : Crispr/cas9 target site

### Genotyping assay

#### Primers:

*il15ra*\_forward: 5' TGTGGACCTCCGAAGAAG 3'

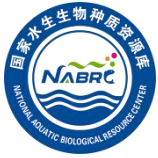
*il15ra*\_reverse: 5' agcctgcacaggacaatc 3'

#### PCR program:

95°C	5min	
95°C	30 sec	} 30 Cycles
56°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

**Product size: 322 bp**





**The sequencing results of the CZ1401:**

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WT          TCCTCTATTCGTATTCAGTGC GTT GCTGGCTACGTGAGGAAAGTAGGAACATCCAACCTG
CZ1401      TCCTCTATTCGTATTCAGTGC GTT GCTGGCTACGTGAGGAAAGTAGGAACATCCAACCTG
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WT          ATTCGCTGCCTTAAAGAACATGACAAGGACAAGCCATCCTGGACATCAGCTCTTCCTCTT
CZ1401      ATTCGCTGCCTTAAAGAACATGACAAGGACAAGCCA-----TCCTCTT
*****

WT          GTATGCATACGTAAGAACTTTTTTTTTTTTCCAGAgctacttcgagaaccacagagatgg
CZ1401      GTATGCATACGTAAGAACTTTTTTTTTTTTCCAGAgctacttcgagaaccacagagatgg
*****
  
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