

***si:dkey-90/23.1 hza104/+* (CZRC catalog ID: CZ 1460)**

Target Position: exon 1

Sense Strand Sequence

ccttagaactagaggccggtgGTGCACAGGTGTCGCTCATTAACACTCAAATCAGCGGCCTA
 TAAATATGAATCAGCAAATGCTGCATTCATCATTGAGGGGAAACAGCAGAACCATGG
 GTTTTCTTAGTGTTCGTTGTTGCCTgtgagtgactttacacatgataggctgatgcatagtattgtaaagtgtagttc
 tacaactgacttagaaaagtattctttgaactacatttcagcaagtgtgaagattagcagtgtactggtgtcttaatacaatctttcctg
 gttttctagTAGTGCTGATGAACTGTGGCCTGCTGATGTCTGTGTCTGTATTTGATTCCAT
 ACAAGACACTCAGGAGTCTGATTATGACAgtgagtttaataatgcatgaaagtaataatgagatatac
 cgtgtcttttgcctgcaccgattatagcttgaattggaatgatggctacttatgtgtttttttttttttttttttttgtgtctgtccctccag
 ATACTGTAATTACATGCAAGGATTCTGACCTTCGT

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

si_forward: 5' ccttagaactagaggccggtg 3'

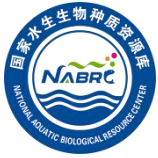
si_reverse: 5' ACGAAGGTCAGAATCCTTGCAT 3'

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: 570 bp





The sequencing results of the *si:dkey-90123.1*^{hza104/+} :

hza104: 5 bp insertion

```
Query 1  CAGCAAATGCTGCATTCATCATTGAGGGAAACAGCAGAAC-----CATGGGTTTTCTTAG 55
Sbjct 1  CAGCAAATGTTGCATTCATCATTGAGGGAAACAGCAGAACAGCAGCATGGGTTTTCTTAG 60

Query 56  TGTCGTTGTTGCCTGTGAGTG 76
Sbjct 61  TGTCGTTGTTGCCTGTGAGTG 81
```

Reference:

None

