



## *stk32a*<sup>*hza105-1/+*</sup> (CZRC catalog ID: CZ 1461)

**Target Position:** exon 1

### Sense Strand Sequence

ggccggaagtggtttcatttctctcacgcttctctccgctccctgtcacaggtcgaggggaatatcttgcacacaaacgcaggggatgtgt  
ccatttaaagtggagatctccagctcttaaggagacATGGGACTTG**GACAGTCCAGGAGGACGT**CGGTT  
AGCGATGAAGACCCAGCCGAGGgtgagtgagagtgtttcagaacacaaacaatgtgtgttccagctttgattgc  
gcaagttaaactcttataaatgaatccacattagctgaattttat**tttaacaaccaaatagggtgcac**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

**atcg** : Forward/Reverse primer

**atcg** : Crispr/cas9 target site

### Genotyping assay

#### Primers:

*stk32a* \_forward: 5' ggccggaagtggtttcatttctct 3'

*stk32a* \_reverse: 5' gtcagccctatttggtgttaa 3'

#### PCR program:

95°C	5min	} 30 Cycles
95°C	30 sec	
58°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

**Product size: 310 bp**

**The sequencing results of the *stk32a*<sup>*hza105-1/+*</sup>:**

***hza105-1*: 9 bp deletion and 2bp insertion**

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Query 1  ACATGGGACTTGGACAGTCCAGGAGGACGTCGGTTAGCGATGAAGACCCAGCCGAGGGTG 60
Sbjct 1  ACATGGGACTTGGACAGTCCAGGAGGTC-----AGCGATGAAGACCCAGCCGAGGGTG 53
Query 61 AGTGAGAGTGCTTTCAGAAACACA 84
Sbjct 54 AGTGAGAGTGCTTTCAGAAACACA 77
  
```





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)

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**Reference:**

None

**地址:** 湖北省武汉市东湖南路 7 号中科院水生所 430072  
**邮箱:** zebrafish@ihb.ac.cn

**电话:** (027)68780570  
**网址:** www.zfish.cn



微信公众号