



***stk32a*^{*hza105-2/+*} (CZRC catalog ID: CZ 1462)**

Target Position: exon 1

Sense Strand Sequence

ggccggaagttgttttcatttctctcacgcttctctccgtccctgtcacaggtcgaggggaatatcttgacacaaaacgcaggggatgtgt
ccatttaaagtggagatctccagctcttaaggagacATGGGACTTG**GACAGTCCAGGAGGACGT**CGGTT
AGCGATGAAGACCCAGCCGAGGgtgagtgagagtgtttcagaacacaaacaatgtgtgttccagctttgattgc
gcaagttaaactcttataaatgaatccacattagetgaattttat**tttaacaaccaaatagggetgcac**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

stk32a _forward: 5' ggccggaagttgttttcatttctct 3'

stk32a _reverse: 5' gtcagccctatttggtttaa 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*^{hza105-2/+}:

hza105-2: 16bp insertion

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Query 1  ATGGGACTTGGACAGTCCAGGAGGAC-----GTCGGTTAGCGATGAAGA 44
Sbjct 1  ATGGGACTTGGACAGTCCAGGAGGACTGCTACGCACIGCTACGTCGGTTAGCGATGAAGA 60
Query 45  CCCAGCCGAGG 55
Sbjct 61  CCCAGCCGAGG 71
```

Reference:

None

