

# CZ1224: *ihb324*

**stk33**

Target Position: exon 5

Sense Strand Sequence

```
aaaccaccctcattctgtccccattagtcagagctggagcgttggtttactgtcactaaa  
ggagaagaagcgcgatgtaatacttcacctaatagcaggcctctttatgttgatatccag  
AAAATCTATTCTTCGGGAGGAAATTAGGTCAAGGCAGCTTTGGCGTTGTCTGCGAAGCC  
ACTCACATCGAGACGCAGAGGAAGTGGGCAATTAAGAAGGTGAACAAAGAGAAGgtaagt  
gtttgcttgatgatttcacctggtgacagaggtgatggatggagagcctctcgcgatggt  
cttcaaggacggggttaagtgtc
```

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Cas9 target site

## **ihb324: 4bp deletion**

>WT

```
CATCGAGACGCAGAGGAAGTGGGCAATTAAGAAGGTGAACAAAGAGAAGGTAAGTGTTC
```

> **ihb324**

```
CATCGAGACGCAGAGGAAGTGGGCAATTAAGAAGGTGAACAAAGAGAAGGTAAGTGTTC
```

```
WT          CATCGAGACGCAGAGGAAGTGGGCAATTAAGAAGGTGAACAAAGAGAAGGTAAGTGTTC  
ihb324     CATCGAGACGCAGAGGAAGTGGGCAATT-----ACGTGAACAAAGAGAAGGTAAGTGTTC  
*****
```

```
WT          C  
ihb324     C  
          *
```