



## ***ace2*<sup>ihb449/+ (AB)</sup> (CZRC catalog ID: CZ1398)**

### **Nature of the mutation**

5bp deletion, Between 137bp to 142 bp of the wild-type *ace2* coding sequence, CCGCA is deleted in exon8.

### **Sense Strand Sequence**

aacaatcggggctaaaggctgtgtttatcggatcaagattaatgtaatctgtagtgatattaatcattttgtccttaactgaagcaat  
aaagtattccggaagattctgagctgtaaattgtcctaattgtggttttagttttattgtaattttattcagGGTTGGGATGAAAT  
CCGTCTGTTTAAAGAGGCAGAAAAATTCTTCATGTCTGTAAACATGCCTGCAATGT  
TTGACAACTTCTGGAACAACCTCAATGTTTATTAAACCTGAAGAAAGAGATGTGGTT  
TGCCATCCTACCGCATGGGATATGGGAAACAGAAAGGACTTCAGgtggggctgataatgcttt  
ggtacattcggtcaaatgcacggcaatgattaa

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### **Genotyping assay**

#### **Primers:**

CZ1398\_forward:5'- aacaatcggggctaaaggctc -3'

CZ1398\_reverse:5'- ttaatcattgccgtgcattt -3'

#### **PCR program:**

95°C	5min	}	30 cycles
95°C	30sec		
55°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

**Product size: 392bp**

### **Reference**

None

