



## ***cyp11c1*<sup>ihb285/+</sup> (CZRC catalog ID: CZ1268)**

### **Nature of the mutation**

The mutant of *cyp11c1* was generated by CRISPR/Cas9 mediated mutagenesis, 7bp deletion in exon7.

### **Sense Strand Sequence**

Accgtctgctgctgaaccgtgaggtgatggtgtcctcgtctgtccaccgctttctcccgtgctggtgatgaagtggcgcaggatttctgcc  
gttcgctgcggcgccgcgttcaggcggacgggttcgagaaggcggggcagcacacactgacccttgacccagtcctgaccttcc  
gcttcgattggaaggtcagcctcttctaattcctcgttaatagagaagggtgttactgaaactgcagggcgggactttgtcagttgctg  
attggatgtgagatgtggcgtggctcta

atcg:Forward/Reverse primer

atcg:Crisper/cas9 target site

### **Genotyping assay**

Primers:

CZ1267\_forward:5'-ACCGTCTGCTGCTGAACC-3'

CZ1267\_reverse:5'-TAGAGCCACGCCACATC-3'

### **PCR program:**

95°C	5min	}	30 cycles
95°C	30sec		
68°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

**Product size: 298bp**

