



***cyp11c1*^{ihb284/+} (CZRC catalog ID: CZ1267)**

Nature of the mutation

The mutant of *cyp11c1* was generated by CRISPR/Cas9 mediated mutagenesis, 5bp insert in exon7.

Sense Strand Sequence

ACCGTCTGCTGCTGAACCgtgaggtgatggtgtcctcgtctgtccaccgctttctcccgtgctggatgaagtggcgcaggatttctcc
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

