



## ***crb1<sup>ihb443/+</sup>(AB)* (CZRC catalog ID: CZ1392)**

### **Nature of the mutation**

5bp insertion, Between 98bp to 99bp of the wild-type *crb1* coding sequence in exon3, TGAAC is inserted.

### **Sense Strand Sequence**

gcagcatatcaataaccctaaaggctgactgcgagctccagtttgagtctgtttgatccgggatgaggtctgtccagatggcatgtgtaa  
taagccatgccgagatctcggattggcatgtttgcgctcagcaccgctgtctgtgatgttcagGTAGCAGCTGTGAGCT  
GGAGATTGATGAGTGTTCAGTCACAGCCCTGTCTCCACGGCGCCAGTTGCCATGAC  
CACATCAATGGCTTCACGTGCACATGCCCTGGCGGGTTTCCAGGGCGAGAGCTGTG  
AAATCAACATCGACGAGTGCCGTGACCAGCCATGCCAAAACGGGGCTCTGTGTGT  
GGATGAAATCAATAGgttaggatatttccatgctgccattttatttcgctcaaggtttac

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### **Genotyping assay**

#### **Primers:**

CZ1392\_forward:5'- gcagcatatcaataacc -3'

CZ1392\_reverse:5'- gtaaaccttgagcgaaaa -3'

#### **PCR program:**

95°C	5min	}	30 cycles
95°C	30sec		
52°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

**Product size: 399bp**

### **Reference**

None

