

***ca15b<sup>ihb41/+</sup>* (AB) (CZRC catalog ID: CZ134)**

**Nature of mutation**

ihb 41 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 255 bp and 256 bp of the wildtype *ca15b* coding sequence, a “C” is inserted. The mutated *ca15b* codes for a truncated protein containing 90 aa, 85 aa of which is identical to wildtype *ca15b*.

**Genotyping assay**

**Primers:**

Ihb41\_forward: 5' GTAACGGCACTCAACAATCTC 3'

Ihb41\_reverse: 5' GTATACATCAGAACTCTATGGGAC 3'

**PCR program:**

94°C 4min  
94°C 30 sec } 30 Cycles  
55°C 30 sec }  
72°C 30 sec }  
72°C 5min  
4°C hold

**Product size: 394 bp**

**The sequencing results of the parents:**

CZ134 (+/-) CGTTGGATCCGAAGAAGATGCGTGTGGCAGGG (wild-type)

