

***nlrc5*<sup>ihb51/+</sup> (AB) (CZRC catalog ID: CZ140)**

**Nature of mutation**

ihb 51 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 85 bp and 86 bp of the wildtype *nlrc5* coding sequence, AGTA, is inserted. The mutated *nlrc5* codes for a truncated protein containing 29 aa, 28 aa of which is identical to wildtype *nlrc5*.

**Genotyping assay**

**Primers:**

Ihb51\_forward: 5' CTGAAAGTGTCGAGCTGACTT 3'

Ihb51\_reverse: 5' GAAAGGGATGTCTTTACAGTACTC 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: 489 bp**

**The sequencing results of the parents:**

