

***ripk2*^{ihb47/+} (AB) (CZRC catalog ID: CZ201)**

Nature of mutation

ihb 47 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 102 bp to 103 bp of the wildtype *ripk2* coding sequence, CA, is mutated into T. The mutated *ripk2* codes for a truncated protein containing 58 aa, 33 aa of which is identical to wildtype *ripk2*.

Genotyping assay

Primers:

Ihb47_forward: 5' TCTCTCTCTGCGTAACAGTGC 3'

Ihb47_reverse: 5' GAAAAAGCCCAATAAGAATGCT 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: 395 bp

The sequencing results of the parents:

CZ201 (+/-) CTGCACTACATCAGCAAGGGAGGCTTCGG (wild-type)

