

***nlrc5*^{ihb48/+} (AB) (CZRC catalog ID: CZ138)**

Nature of mutation

ihb 48 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. G85 of the wildtype *nlrc5* coding sequence is deleted. The mutated *nlrc5* codes for a truncated protein containing 52 aa, 28 aa of which is identical to wildtype *nlrc5*.

Genotyping assay

Primers:

Ihb48_forward: 5' CTGAAAGTGTCTGAGCTGACTT 3'

Ihb48_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:

CZ138 (+/-) ACTGGTGGACTTGCTCTGCGAACAGGATAGTAGTG (wild-type)

