

***nod1*^{ihb44/+} (AB) (CZRC catalog ID: CZ198)**

Nature of mutation

ihb 44 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 590 bp to 595 bp of the wildtype *nod1* coding sequence, TCATCA, is mutated into GATGACGC. The mutated *nod1* codes for a truncated protein containing 196 aa, all of which is identical to wildtype *nod1*.

Genotyping assay

Primers:

Ihb44_forward: 5' TCATCACGTCCTACTCTAAAAG 3'

Ihb44_reverse: 5' TGGGAAGCGTAAGATGTAG 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: 401 bp

The sequencing results of the parents:

