

***nod1^{ihb52/+}* (AB) (CZRC catalog ID: CZ197)**

Nature of mutation

ihb 52 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 591 bp and 592 bp of the wildtype *nod1* coding sequence, a “A” is inserted. The mutated *nod1* codes for a truncated protein containing 200 aa, 197 aa of which is identical to wildtype *nod1*.

Genotyping assay

Primers:

Ihb52_forward: 5' TCATCACGTCCTACTCTAAAAG 3'

Ihb52_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:

