

***ndella*^{ihb96/+} (AB) (CZRC catalog ID: CZ218)**

Nature of mutation

ihb 96 allele was a mutant line, induced by the CRISPR-cas9 in the TU genetic background. 390 bp to 396 bp of the wild-type *ndella* coding sequence, AGCCACC, is deleted. The mutated *ndella* codes for a truncated protein containing 130 aa, 129 aa of which is identical to wildtype *ndella*.

Genotyping assay

Primers:

Ihb96_forward: 5' TCAATTTATTGTGTCCGTGCT 3'

Ihb96_reverse: 5' CTTGGAATGAGGAACTGTCTG 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: 421 bp

The sequencing results of the parents:

CZ218 (+/-) taaccacagAGCCACCATAACATCTCTGGAG (wild-type)

