

***ndella*<sup>ihb94/+</sup> (AB) (CZRC catalog ID: CZ216)**

**Nature of mutation**

ihb 94 allele was a mutant line, induced by the CRISPR-cas9 in the TU genetic background. Eight nucleotides, AACCACAG, located in the splice acceptor site of intron 4, are deleted. This mutation may lead to mis-splicing of the *ndella* transcript, resulting in the use of an alternative acceptor site (changing the 5' boundary of the downstream exon 5) or simply the retention of the intron 4.

**Genotyping assay**

**Primers:**

Ihb94\_forward: 5' TCAATTTATTGTGTCCGTGCT 3'

Ihb94\_reverse: 5' CTTGGAATGAGGAACTGTCTG 3'

PCR program:

94°C 4min  
94°C 30 sec  
55°C 30 sec } 30 Cycles  
72°C 30 sec  
72°C 5min  
4°C hold

**Product size: 421 bp**

**The sequencing results of the parents:**

CZ216 (+/-) ctgtctgtaaccacagAGCCACCATAACAT (wild-type)

