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***Fads2*<sup>ihb219/+</sup> (AB) (CZRC catalog ID: CZ395)**

**Nature of mutation**

Ihb219 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 291 bp to 301 bp of the wild-type *fads2* coding sequence, TGAACCCAGTC, is deleted. The mutated *fads2* codes for a truncated protein containing 113 aa, 96 aa of which is identical to wildtype *fads2*.

**Genotyping assay**

**Primers:**

Ihb219\_forward: 5' TAAGATCTCAATCAAGACGATCAC 3'

Ihb219\_reverse: 5' AATTCCATTTATAGACCAAAGTTTC 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: 286 bp**