
***Fads2*^{ihb220/+} (AB) (CZRC catalog ID: CZ396)**

Nature of mutation

Ihb220 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 300 bp to 303 bp of the wild-type *fads2* coding sequence, TCAG, is deleted. The mutated *fads2* codes for a truncated protein containing 126 aa, 100 aa of which is identical to wildtype *fads2*.

Genotyping assay

Primers:

Ihb220_forward: 5' TAAGATCTCAATCAAGACGATCAC 3'

Ihb220_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