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***IKZF4*<sup>ihb218/+</sup> (AB) (CZRC catalog ID: CZ394)**

**Nature of mutation**

Ihb218 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 175 bp to 180 bp of the wild-type IKZF4 coding sequence, AGTGAC, is mutated into G. The mutated IKZF4 codes for a truncated protein containing 75 aa, 58 aa of which is identical to wildtype IKZF4.

**Genotyping assay**

**Primers:**

Ihb218\_forward: 5' CTATTCATTGTACACACTGATTGTT 3'

Ihb218\_reverse: 5' AGTTGGTCAAGAAACTTACC 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: 428 bp**