

***IKZF4*^{ihb217/+} (AB) (CZRC catalog ID: CZ393)**

Nature of mutation

Ihb217 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 180 bp and 181 bp of the wild-type IKZF4 coding sequence, GGATTTGATGGAGTTATTTG, is inserted. The mutated IKZF4 codes for a truncated protein containing 74 aa, 60 aa of which is identical to wildtype IKZF4.

Genotyping assay

Primers:

Ihb217_forward: 5' CTATTCATTGTACACACTGATTGTT 3'

Ihb217_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