
***Hsf1a*^{ihb287/+} (AB) (CZRC catalog ID: CZ1196)**

Nature of mutation

Ihb287 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 418 bp to 422 bp of the wild-type hsf1 coding sequence, GTTTT, is deleted. The mutated hsf1 codes for a truncated protein containing 233 aa, 139 aa of which is identical to wildtype hsf1.

Genotyping assay

Primers:

Ihb287_forward: 5' ACAGCCCGAAGAGGGACAT 3'

Ihb287_reverse: 5' TATTCAACACCTTCAGCTTTAACC 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: 506 bp