

***Ifng1r^{ihb209/+}* (AB) (CZRC catalog ID: CZ385)**

Nature of mutation

Ihb209 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 155 bp to 159 bp of the wild-type *ifng1r* coding sequence, AAAGG, is deleted. The mutated *ifng1r* codes for a truncated protein containing 68 aa, 51 aa of which is identical to wildtype *ifng1r*.

Genotyping assay

Primers:

Ihb209_forward: 5' GATGGTCCAAATGTCGGTTGC 3'

Ihb209_reverse: 5' GCAAGTGCAGGTTGGCTTAGAC 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: 824 bp