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***P2rx7*<sup>ihb225/+</sup> (AB) (CZRC catalog ID: CZ419)**

**Nature of mutation**

Ihb225 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 437 bp to 441 bp of the wild-type P2rx7 coding sequence, AGTTG, is mutated into GATACTAAA. The mutated P2rx7 codes for a truncated protein containing 147 aa, 145 aa of which is identical to wildtype P2rx7.

**Genotyping assay**

**Primers:**

Ihb225\_forward: 5' TACTACGGTTAAACAATGGTTAGTC 3'

Ihb225\_reverse: 5' AGCTTTACTTGCAAATGTCCAT 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: 766 bp**