
***P2rx7^{ihb224/+}* (AB) (CZRC catalog ID: CZ418)**

Nature of mutation

Ihb224 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 433 bp to 437 bp of the wild-type P2rx7 coding sequence, GTGAA, is mutated into T. The mutated P2rx7 codes for a truncated protein containing 148 aa, 144 aa of which is identical to wildtype P2rx7.

Genotyping assay

Primers:

Ihb224_forward: 5' TACTACGGTTAAACAATGGTTAGTC 3'

Ihb224_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