

***pde6c*<sup>ihb73/+</sup> (AB) (CZRC catalog ID: CZ191)**

**Nature of mutation**

ihb 73 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 568 bp to 569 bp of the wild-type *pde6c* coding sequence, CA, is inserted. The mutated *pde6c* codes for a truncated protein containing 193 aa, 189 aa of which is identical to wildtype *pde6c*.

**Genotyping assay**

**Primers:**

Ihb73\_forward: 5' AGGACAACGAATGAAGAAGC 3'

Ihb73\_reverse: 5' TTGATGCTATTTTGACCACTG 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: 336 bp**

**The sequencing results of the parents:**

