

***pde6c*^{ihb75/+} (AB) (CZRC catalog ID: CZ193)**

Nature of mutation

ihb 75 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, CAATCAA, is inserted. The mutated *pde6c* codes for a truncated protein containing 207 aa, 189 aa of which is identical to wildtype *pde6c*.

Genotyping assay

Primers:

Ihb75_forward: 5' AGGACAACGAATGAAGAAGC 3'

Ihb75_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:

