

***lrrn1*^{ihb122/+} (AB) (CZRC catalog ID: CZ264)**

Nature of mutation

ihb122 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 571 bp to 577 bp of the wild-type *lrrn1* coding sequence, ACCCCCA, is mutated into GG. The mutated *lrrn1* codes for a truncated protein containing 206 aa, 190 aa of which is identical to wildtype *lrrn1*.

Genotyping assay

Primers:

Ihb122_forward: 5' GACCAACATGTCACAACTCAC 3'

Ihb122_reverse: 5' TTGTCATAGAAGGAGAGACTCTC 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: 402 bp

The sequencing results of the parents:

