

***lrrn1*^{ihb121/+} (AB) (CZRC catalog ID: CZ263)**

Nature of mutation

ihb121 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 577 bp to 580 bp of the wild-type *lrrn1* coding sequence, AACC, is deleted. The mutated *lrrn1* codes for a truncated protein containing 196 aa, 192 aa of which is identical to wildtype *lrrn1*.

Genotyping assay

Primers:

Ihb121_forward: 5' GACCAACATGTCACAACTCAC 3'

Ihb121_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:

