

***kiaa0101^{ihb60/+}* (AB) (CZRC catalog ID: CZ209)**

Nature of mutation

ihb 60 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 328 bp to 348 bp of the wild-type KIAA0101 coding sequence, AGAGCGGCAGCGCGCAGTC, is deleted. The mutated KIAA0101 codes for a prolonged protein containing 302 aa, 109 aa of which is identical to wildtype KIAA0101.

Genotyping assay

Primers:

Ihb60_forward: 5' GTTTGTGGTTCGGAGTTTATTG 3'

Ihb60_reverse: 5' ATACGCAGTTGCTATGGAAAC 3'

PCR program:

94°C 4min
94°C 30 sec
55°C 30 sec } 30 Cycles
72°C 30 sec
72°C 5min
4°C hold

Product size: 490 bp

The sequencing results of the parents:

