

***kiaa0101<sup>ihb59/+</sup>* (AB) (CZRC catalog ID: CZ208)**

**Nature of mutation**

ihb 59 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 313 bp to 331 bp of the wild-type KIAA0101 coding sequence, GATCCTCGAACGCGCAG, is deleted. The mutated KIAA0101 codes for a truncated protein containing 114 aa, 104 aa of which is identical to wildtype KIAA0101.

**Genotyping assay**

**Primers:**

Ihb59\_forward: 5' GTTTGTGGTTCGGAGTTTATTG 3'

Ihb59\_reverse: 5' ATACGCAGTTGCTATGGAAAC 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: 490 bp**

**The sequencing results of the parents:**

CZ208 (+/-)      GAGCATCCGGATCCTCGAACGCGCAGAGCGGCAGCGCGC      (wild-type)

