

***aurka*<sup>ihb216/+</sup> (AB) (CZRC catalog ID: CZ392)**

**Nature of mutation**

Ihb216 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 274 bp to 278 bp of the wild-type *aurka* coding sequence, CTGTC, is mutated into G. The mutated *aurka* codes for a truncated protein containing 213 aa, 91 aa of which is identical to wildtype *aurka*.

**Genotyping assay**

**Primers:**

Ihb216\_forward: 5' CAGAAGCCAGTGTCTGAACC 3'

Ihb216\_reverse: 5' AGAATAGTTACTCACGCCAGCT 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: 421 bp**