

***kita3^{ihb214/+}* (AB) (CZRC catalog ID: CZ390)**

Nature of mutation

Ihb214 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 622 bp to 626 bp of the wild-type *kita* coding sequence, ATCAC, is deleted. The mutated *kita* codes for a truncated protein containing 283 aa, 207 aa of which is identical to wildtype *kita*.

Genotyping assay

Primers:

Ihb214_forward: 5' CTCATTGATTGCCAGCACTA 3'

Ihb214_reverse: 5' ACACTCAACTGATCATGGGTAC 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: 498 bp