
***Polq*^{ihb368/+} (AB) (CZRC catalog ID: CZ1279)**

Nature of mutation

Ihb368 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 1107bp to 1135bp of the wild-type polq coding sequence, GGAGGCAGGGATCAGGGTGGAGGGATATA, is deleted from exon6.

Genotyping assay

Primers:

Ihb368_forward: 5' CTTCCGTTTCGTGTCTGTGG 3'

Ihb368_reverse: 5' TGCCAATCTTGACCCACTC 3'

PCR program:

94°C	4min	
94°C	30 sec	} 30 Cycles
56°C	30 sec	
72°C	30 sec	
72°C	5min	
4°C	hold	

Product size: 765 bp