

***tp53^{ihb136/+}* (AB) (CZRC catalog ID: CZ267)**

Nature of mutation

ihb136 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 822 bp to 825 bp of the wild-type *tp53* coding sequence, GCAG, is deleted. The mutated *tp53* codes for a truncated protein containing 364 aa, 273 aa of which is identical to wildtype *tp53*.

Genotyping assay

Primers:

Ihb136_forward: 5' TTACATGAAATTGCCAGAGTATG 3'

Ihb136_reverse: 5' CAACTGAACTGTTTCGGATAGC 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: 351 bp

The sequencing results of the parents:

