

***tp53^{ihb135/+}* (AB) (CZRC catalog ID: CZ266)**

Nature of mutation

ihb135 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 825 bp of the wild-type tp53 coding sequence, G, is mutated into TGATT. The mutated tp53 codes for a truncated protein containing 337 aa, 274 aa of which is identical to wildtype tp53.

Genotyping assay

Primers:

Ihb135_forward: 5' TTACATGAAATTGCCAGAGTATG 3'

Ihb135_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:

