

***fundc2*<sup>ihb57/+</sup> (AB) (CZRC catalog ID: CZ206)**

**Nature of mutation**

ihb 57 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 117 bp to 144 bp of the wild-type *fundc2* coding sequence, TACTCTGTGGCCACACAGCTGGCCAT, is deleted. The mutated *fundc2* codes for a truncated protein containing 78 aa, 39 aa of which is identical to wildtype *fundc2*.

**Genotyping assay**

**Primers:**

Ihb57\_forward: 5' CAGGAAGGCGAGTAACTACG 3'

Ihb57\_reverse: 5' CAACTAATTAAGCATTGGTCCA 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: 505 bp**

**The sequencing results of the parents:**

CZ206 (+/-)

CTGCGGCTGAGAAATACTCTGTGGCCACACAGCTGGCCATTGGAGGAGT (wild-type)

