

***sstr1b*<sup>ihb140/+</sup> (AB) (CZRC catalog ID: CZ297)**

**Nature of mutation**

ihb140 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 298bp of the wild-type *sstr1b* coding sequence, G, is mutated into cactactattgttagtaa. The mutated *sstr1b* codes for a truncated protein containing 125 aa, 99 aa of which is identical to wildtype *sstr1b*.

**Genotyping assay**

**Primers:**

Ihb140\_forward: 5' TGGATACAATGGCAACGAG 3'

Ihb140\_reverse: 5' GGTGTCTGCGAAGATAATAATG 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: 520 bp**

**The sequencing results of the parents:**

CZ297(+/-) TTCCTGGCAACTTCAGCCGAGTGCACCACTGGCCGTTCCGG (wild-type)

