

## *gata4*<sup>fh320/+</sup> (CZRC catalog ID: CZ123)

### Nature of the mutation

The *fh320* allele contains a single T-to-A point mutation that changes Tyr into a premature stop codon at amino acid 2, resulting in truncation of the **sox9b** protein.

### Genotyping assay

#### Primers:

**Fh320\_forward:** 5' GGAGAAGCCGAGCAGAAAA 3'

**Fh320\_reverse:** 5' CCCAATGAATAATTCAGTGTA 3'

#### PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

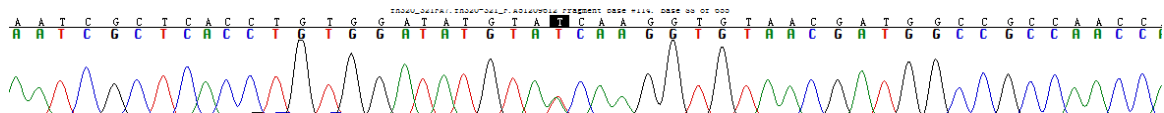
4°C hold

} 30 Cycles

**Product size: 685 bp**

### The sequencing results of the parents:

CZ123(+/-): AATCGCTCACCTGTGGATATGTA[T/A]CAAGGTGTAACGATGGCCGCAACC



### Reference:

Moens, C.B. and ZFIN Staff (2009) Curation of TILLING Database Links. ZFIN Direct Data Submission