

## *rai1*<sup>fh370/+</sup> (CZRC catalog ID: CZ129)

### Nature of the mutation

The *fh370* allele contains a single T-to-A point mutation that changes Tyr into a premature stop codon at amino acid 202, resulting in truncation of the **rai1** protein.

### Genotyping assay

#### Primers:

**Fh370\_forward:** 5' CCCAGTTCGAGCAGGACAT 3'

**Fh370\_reverse:** 5' CTCGAGGGAGTTTGCTGGTA 3'

#### PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

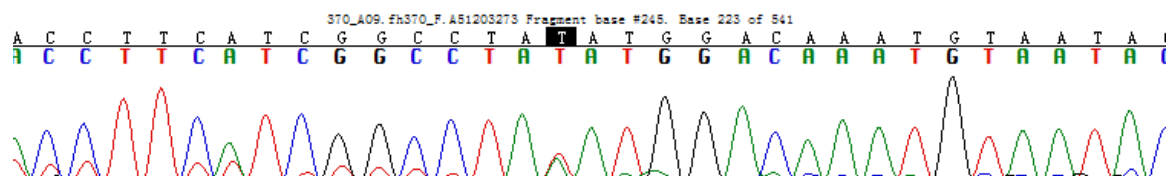
4°C hold

} 30 Cycles

**Product size: 397 bp**

#### The sequencing results of the parents:

CZ129(+/-):TTCACCTTCATCGGCCTA[T/A]ATGGACAAATGTAATACAGTGTCACATG



#### Reference:

<http://zfin.org/ZDB-PUB-150825-19>