

celsr3^{fh339/+} (CZRC catalog ID: CZ128)

Nature of the mutation

The *fh339* allele contains a single T-to-A point mutation that changes Tyr into a premature stop codon at amino acid 215, resulting in truncation of the **celsr3** protein.

Genotyping assay

Primers:

Fh339_forward: 5' CGAGAAGGGCGTTGTTTCT 3'

Fh339_reverse: 5' GATGCAGTCAACCCGTGATA 3'

PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

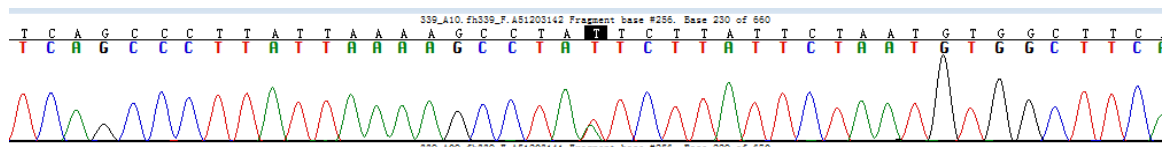
4°C hold

} 30 Cycles

Product size:691 bp

The sequencing results of the parents:

CZ128(+/-):CCAACTCAGCCCTTATTAAGCCTA[T/A]TCTTATTCTAATGTGGCTTCAGA



Reference:

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