

gata4^{fh321/+} (CZRC catalog ID: CZ124)

Nature of the mutation

The *fh321* allele contains a single G-to-T point mutation that changes Gly into a premature stop codon at amino acid 98, resulting in truncation of the ***gata4*** protein.

Genotyping assay

Primers:

Fh321_forward: 5' GGAGAAGCCGAGCAGAAAA 3'

Fh321_reverse: 5' CCCAATGAATAATTCAGTGTA 3'

PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

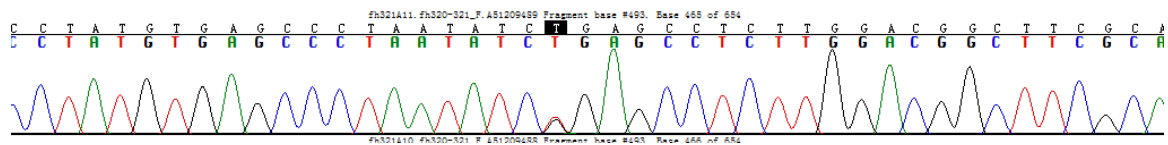
4°C hold

} 30 Cycles

Product size: 685 bp

The sequencing results of the parents:

CZ124(+/-):GGCCTATGTGAGCCCTAATATC[G/T]GAGCCTCTTGGACGGCTTCGCACTTC



Reference:

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