

## *fmr1*<sup>fh324/+</sup> (CZRC catalog ID: CZ125)

### Nature of the mutation

The *fh324* allele contains a single T-to-G point mutation at the position of 340 that changes the splicing of RNA, resulting in changing of the **fmr1** protein.

### Genotyping assay

#### Primers:

**Fh324\_forward:** 5' GCGGACGTTGAATTGACCATGTTT 3'

**Fh324\_reverse:** 5' GCCAAACTCCATGACATCCTGCAT 3'

#### PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

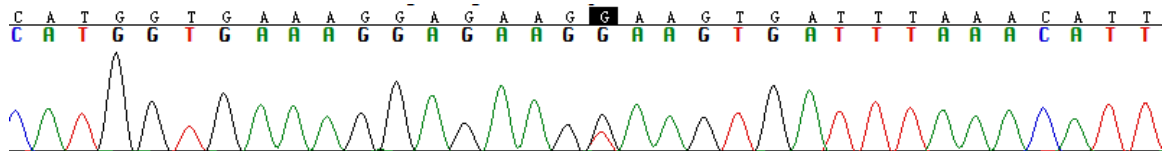
4°C hold

} 30 Cycles

**Product size:1223 bp**

#### The sequencing results of the parents:

CZ125(+/-):AAGTTCGCATGGTGAAAGGAGAAG[T/G]AAGTGATTAAACATTATTCCT



#### Reference:

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