

fmr1^{fh325/+} (CZRC catalog ID: CZ126)

Nature of the mutation

The *fh325* allele contains a single G-to-A point mutation at the position of 310 that changes the splicing of RNA, resulting in changing of the **fmr1** protein.

Genotyping assay

Primers:

Fh325_forward: 5' TGACCTTCTCAAGCACAACA 3'

Fh325_reverse: 5' CCACTCTTGCCAATGACTTT 3'

PCR program:

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

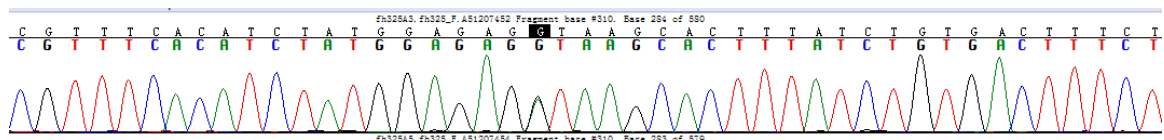
4°C hold

} 30 Cycles

Product size:602 bp

The sequencing results of the parents:

CZ126(+/-):GCACGTTTCACATCTATGGAGAG[G/A]TAAGCACTTTATCTGTGACTTTCTG



Reference:

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