***f17Tg/+*（AB）(CZRC Catalog ID: CZ 1303)**

**Nature of the mutation**

The *f17Tg* allele is a transgenic zebrafish line *Tg(ath5:GAL4-VP16).*

**Genotyping assay**

Genotyping of the *f17Tg* allele is based on the PCR assay. *f17Tg* allele genome was collected using a Tissue DNA Kit (Omega Bio-Tek) and was detected by the primers. Fragments were amplified using these primers.

**Primers:**

gal4-F: CCGCTGACTAGGGCACAT

gal4-R: GACGGCATCTTTATTCACATTA

**PCR program:**

95℃ 5min

95℃ 30 sec

58℃ 30 sec 30 Cycles

72℃ 30 sec

72℃ 8min

4℃ hold

Product size: 181bp

**Reference**

None