

## ***gd14Tg/+* (AB) (CZRC Catalog ID: CZ 286)**

### **Nature of the mutation**

The *gd14Tg* allele is a transgenic zebrafish line *Tg(zp3b:zar1,myl7:EGFP)* with an oocyte-specific *zp3b* (*zpc*) promoter to drive *zar1* transgene expression in oocytes. EGFP driven by the *myl7* promoter was inserted into the transgenic construct *Tg(zp3b:zar1,myl7:EGFP)* to facilitate screening of transgenic zebrafish.

### **Genotyping assay**

Genotyping of the *gd14Tg* allele is based on the fluorescent microscopy. At 48 hpf, the *Tg(zp3b:zar1,myl7:EGFP)* is expressed green fluorescent protein in the heart.

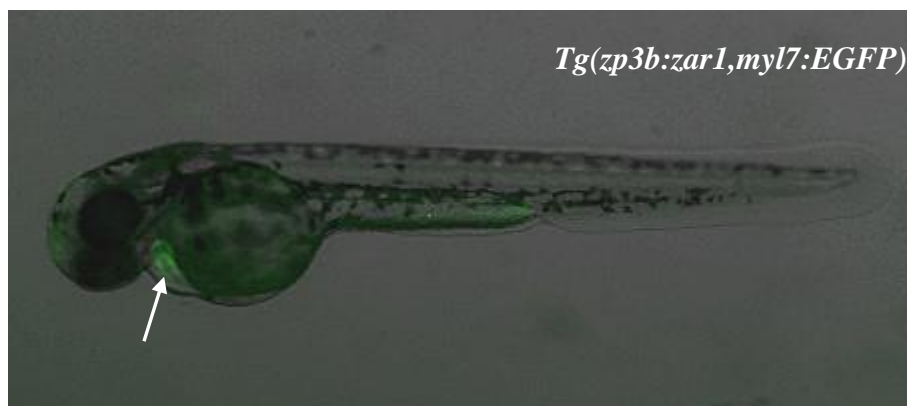


Figure. The green fluorescent protein expression in the heart in *Tg(zp3b:zar1,myl7:EGFP)* line. The arrow shows the expressed GFP in the heart.

### **Reference**

None