



国家水生生物种质资源库国家斑马鱼资源中心  
China Zebrafish Resource Center (CZRC)  
National Aquatic Biological Resource Center (NABRC)

## ***Tg(fbp1:GAL4-VP16;UAS:RFP)* (CZRC catalog ID: CZ155)**

### **Nature of the transgene**

Gal4 is a modular protein consisting broadly of a DNA-binding domain and an activation domain. GAL4 activate gene *fbp1* transcription where a UAS has been introduced to drive yolk expression of RFP.

### **Genotyping assay**

Genotyping of the *Tg(fbp1:GAL4-VP16;UAS:RFP)* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the RFP fluorescence signal is detectable at 72 hpf.

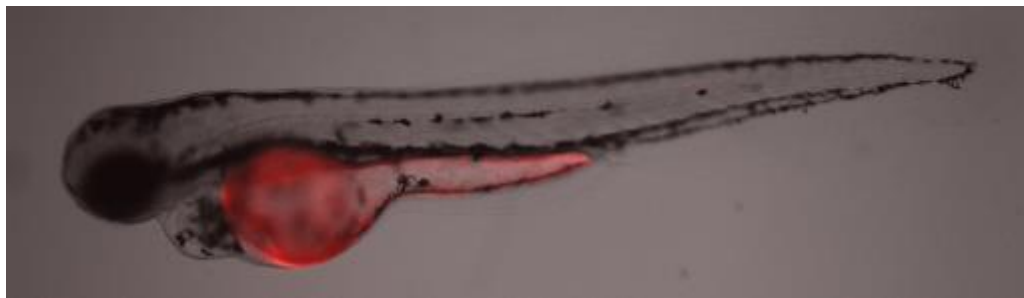


Figure. RFP expression in the lateral line at 72 hpf in *Tg(fbp1:GAL4-VP16;UAS:RFP)* line. The figure shows the lateral view of *Tg(fbp1:GAL4-VP16;UAS:RFP)* embryos at 72 hpf.

### **Reference**

None

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