



## ***ba2Tg*/(AB) (CZRC catalog ID: CZ156)**

### **Nature of the transgene**

The *ba2Tg* allele is a transgenic zebrafish line *Tg(-4.9sox10:EGFP)* in which the zebrafish *sox10* promoter was used to drive jaw cartilage, motor premigratory and migrating neural crest cells expression of GFP.

### **Genotyping assay**

Genotyping of the *ba2Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 72 hpf.

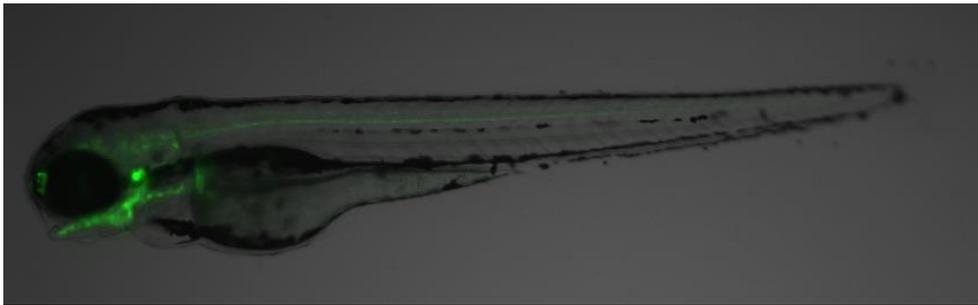


Figure. GFP expression in the lateral line at 72 hpf in *ba2Tg* line. The figure shows the lateral view of *ba2Tg* embryos at 72 hpf.

### **Reference**

Wada, N., Javidan, Y., Nelson, S., Carney, T.J., Kelsh, R.N., Schilling, T.F. (2005) Hedgehog signaling is required for cranial neural crest morphogenesis and chondrogenesis at the midline in the zebrafish skull. *Development* (Cambridge, England). 132(17):3977-3988.

