

## ***ck1Tg* /+(AB) (CZRC catalog ID: CZ153)**

### **Nature of the transgene**

The *ck1Tg* allele is a transgenic zebrafish line Tg(mbp:EGFP) in which the zebrafish mbp promoter was used to drive myelinating glia expression of EGFP.

### **Genotyping assay**

Genotyping of the *ck1Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 72 hpf.

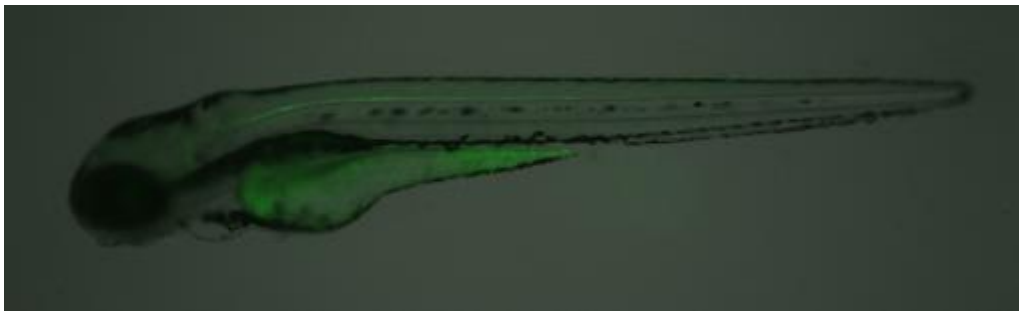


Figure. GFP expression in the lateral line at 72 hpf in *ck1Tg* line. The figure shows the lateral view of *ck1Tg* embryos at 72 hpf.

### **Reference**

Jung, S.H., Kim, S., Chung, A.Y., Kim, H.T., So, J.H., Ryu, J., Park, H.C., and Kim, C.H. (2010) Visualization of myelination in GFP-transgenic zebrafish. *Developmental dynamics* : an official publication of the American Association of Anatomists. 239(2):592-597.

