

## ***ihb23Tg/+* (AB) (CZRC Catalog ID: CZ 133)**

### **Nature of the mutation**

The *ihb23Tg* allele is a transgenic zebrafish line *Tg(CMV: Cel.Fat2, CMV:mCherry)* which mCherry in *Tg(CMV:fat2)* zebrafish line.

### **Genotyping assay**

Genotyping of the *ihb23Tg* allele is based on the fluorescent microscopy. The red fluorescence was ubiquitously detected in *Tg(CMV: Cel.Fat2, CMV:mCherry)* embryos.

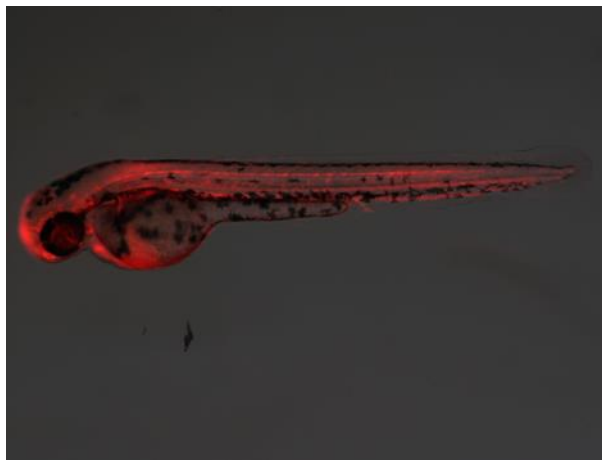


Figure. Expression of mCherry in *Tg(CMV: Cel.Fat2)* zebrafish embryos at 36hpf.

### **Reference**

Pang, S.C., Wang, H.P., Li, K.Y., Zhu, Z.Y., Kang, J.X., Sun, Y.H. (2014) Double Transgenesis of Humanized fat1 and fat2 Genes Promotes Omega-3 Polyunsaturated Fatty Acids Synthesis in a Zebrafish Model. *Mar. Biotechnol.* 16(5):580-93