s356tTg/+（AB）(CZRC Catalog ID: CZ 109)

Nature of the mutation

The *s356tTg* allele is a transgenic zebrafish line *Tg(pou4f3:mGFP)* with green fluorescent protein driven by the *pou4f3* promoter. And this allele can label sensory hair cells.

Genotyping assay

Genotyping of the *s356tTg* allele is based on the fluorescent microscopy. The *GFP* expression was observed exclusively on the sensory hair cells at 72 hpf.

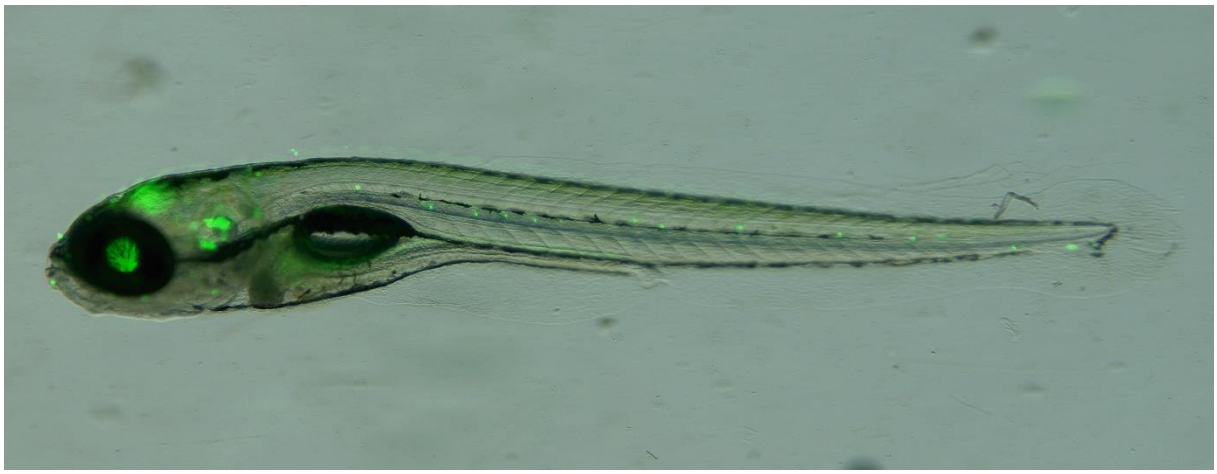

Figure. A transgenic zebrafish line *Tg(pou4f3:mGFP)*. GFP expression were observed within the sensory hair cells at 72 hpf.

Reference

Xiao, T., Roeser, T., Staub, W., and Baier, H. (2005). A GFP-based genetic screen reveals mutations that disrupt the architecture of the zebrafish retinotectal projection. Development 132, 2955–2967.

地 址: 湖北省武汉市东湖南路 7 号中科院水生所 430072 **电 话:** (027)68780570
邮 箱: zebrafish@ihb.ac.cn **网 址:** www.zfish.cn

微信公众号