



## ***jt0012Tg* /+(AB) (CZRC catalog ID: CZ151)**

### **Nature of the transgene**

Axon extension of olfactory sensory neurons in living zebrafish carrying the omp promoter driven tau-EGFP transgene. The *jt0012Tg* allele is a transgenic zebrafish line Tg(ompb:tau-EGFP) with green fluorescent protein expression in olfactory bulb and olfactory placode at 5dpf.

### **Genotyping assay**

Genotyping of the *jt0012Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 72 hpf.

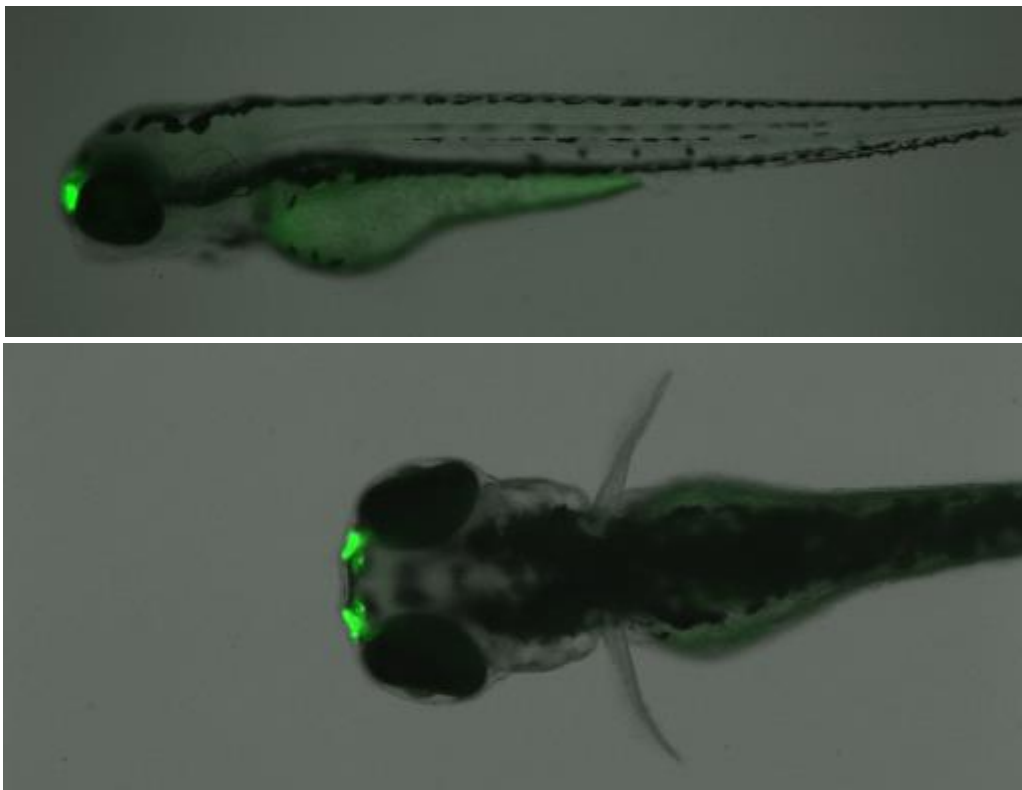


Figure. GFP expression in the lateral line at 72hpf in *jt0012Tg* line. The figure shows the lateral view of *jt0012Tg* embryos at 72hpf.





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China Zebrafish Resource Center (CZRC)  
National Aquatic Biological Resource Center (NABRC)

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## Reference

Yoshida, T., Ito, A., Matsuda, N., and Mishina, M. (2002) Regulation by protein kinase A switching of axonal pathfinding of zebrafish olfactory sensory neurons through the olfactory placode-olfactory bulb boundary. *The Journal of neuroscience : the official journal of the Society for Neuroscience*. 22(12):4964-4972.

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