



国家水生生物种质资源库国家斑马鱼资源中心
China Zebrafish Resource Center (CZRC)
National Aquatic Biological Resource Center (NABRC)

***ion17dTg* /+ (AB) (CZRC catalog ID: CZ1308)**

Nature of the transgene

This allele was generated by integration of an enhancer trap construct carries the Chr2-CFP reporter gene controlled with the *ctbp2a* promoter. This line express CFP in the bipolar cells of the retina.

Genotyping assay

Genotyping of the *ion17dTg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the CFP fluorescence signal is detectable at 72 hpf.

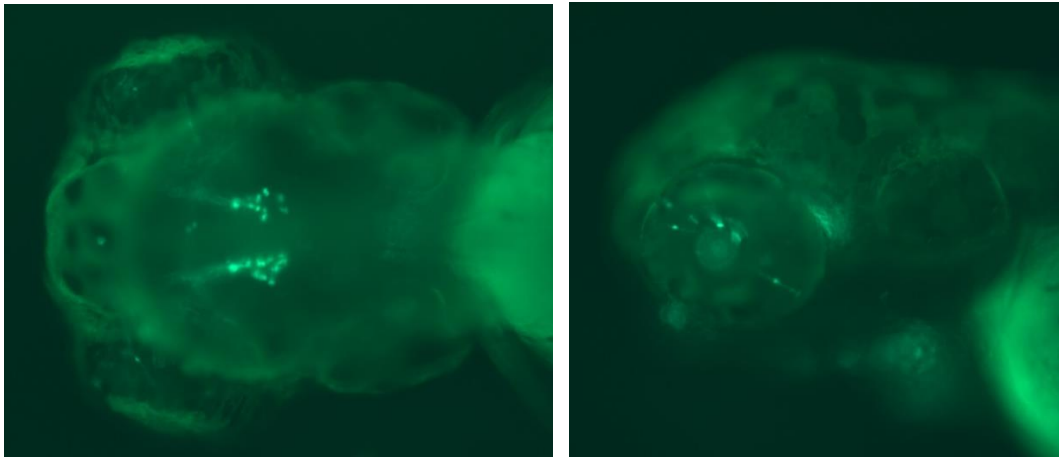


Figure. the lateral and dorsa view of *ion17dTg* embryos after 0.2 mmol/L PTU at 3dpf.

Reference

Zhang, R.W., Li, X.Q., Kawakami, K., Du, J.L. (2016) Stereotyped initiation of retinal waves by bipolar cells via presynaptic NMDA autoreceptors. Nature communications. 7:12650

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