



***vu19Tg* /+(AB) (CZRC catalog ID: CZ154)**

Nature of the transgene

The *vu19Tg* allele is a transgenic zebrafish line *Tg(olig2:DsRed2)* in which the zebrafish *olig2* promoter was used to drive motor neurons and their axon tracts expression of DsRed RFP.

Genotyping assay

Genotyping of the *vu19Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the RFP fluorescence signal is detectable at 48 hpf.

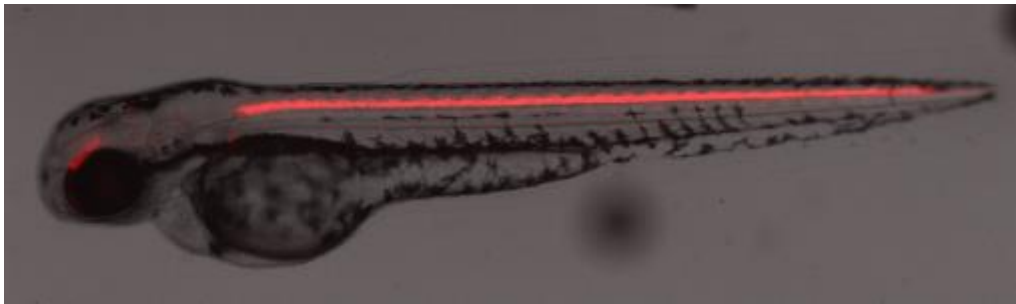


Figure. RFP expression in the lateral line at 72 hpf in *vu19Tg* line. The figure shows the lateral view of *vu19Tg* embryos at 72 hpf.

Reference

Kucenas, S., Takada, N., Park, H.C., Woodruff, E., Broadie, K., and Appel, B. (2008) CNS-derived glia ensheath peripheral nerves and mediate motor root development. *Nature Neuroscience*. 11(2):143-151.

