



***zf3031Tg/+* (AB) (CZRC Catalog ID: CZ 112)**

Nature of the mutation

The *zf3031Tg* allele is a transgenic zebrafish line *Tg2(mnx1:mCherry)* with red fluorescent protein driven by the *mnx1* promoter. And this allele can label motor neurons.

Genotyping assay

Genotyping of the *zf3031Tg* allele is based on the fluorescent microscopy. The *mCherry* expression was first observed exclusively on the neurons at 72 hpf.

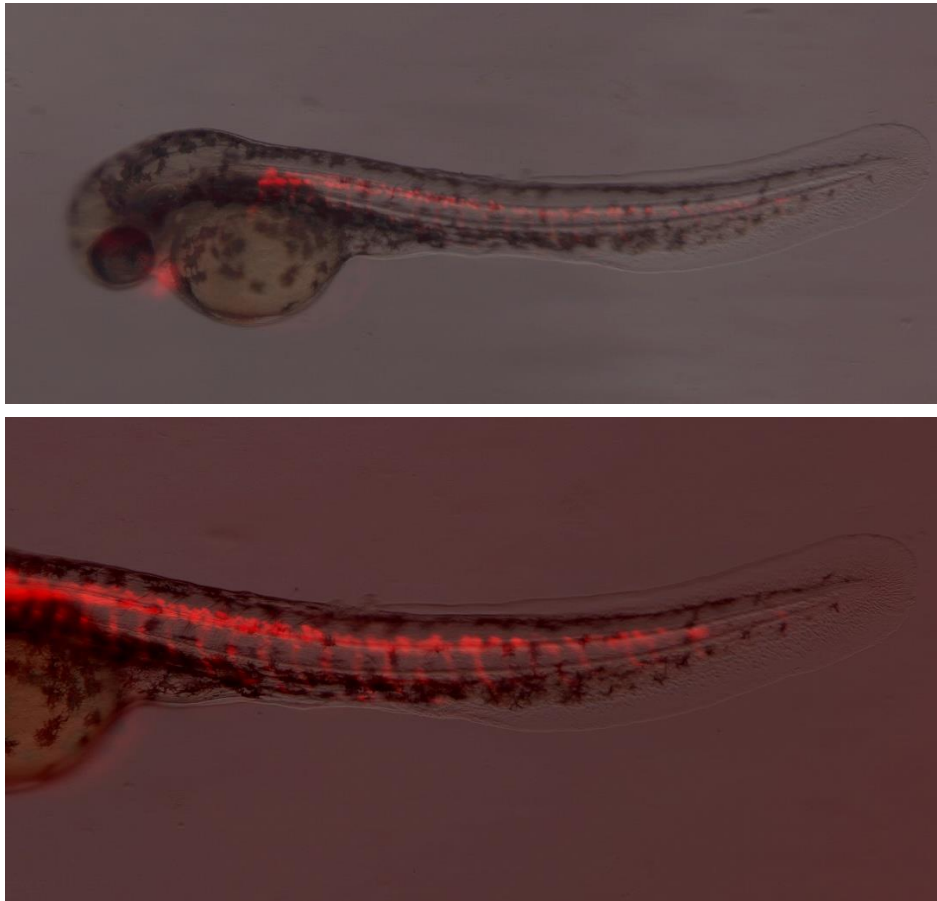


Figure. A transgenic zebrafish line *Tg2(mnx1:mCherry)*. mCherry expression were observed within the neurons at 72 hpf.

Reference

Waldron, A., Wilcox, C., Francklyn, C., Ebert, A. (2019) Knock-Down of Histidyl-tRNA Synthetase Causes Cell Cycle Arrest and Apoptosis of Neuronal Progenitor Cells in vivo.





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Frontiers in cell and developmental biology. 7:67

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