

***gd4Tg/+* (AB) (CZRC Catalog ID: CZ 258)**

Nature of the mutation

The *gd4Tg* allele is a transgenic zebrafish line *Gt(vclb:vclb-EGFP)* with green fluorescent protein expression in the somite.

Genotyping assay

Genotyping of the *gd4Tg* allele is based on the fluorescent microscopy. At 36 hpf, the *Gt(vclb:vclb-EGFP)* is expressed green fluorescent protein in the somite.

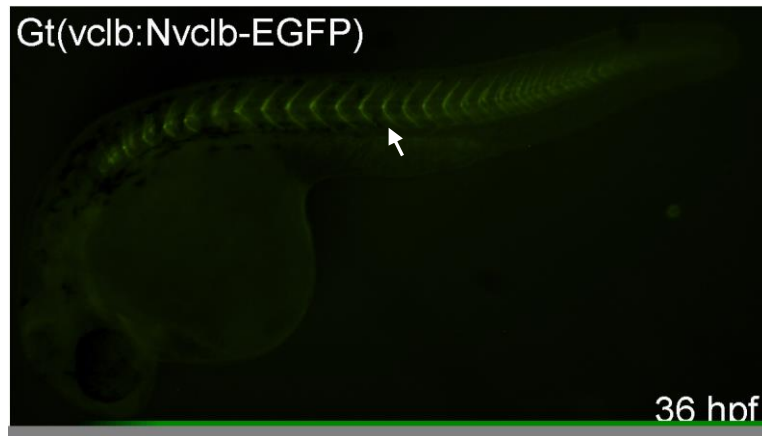


Figure. The green fluorescent protein expression in somite in *Gt(vclb:vclb-EGFP)* line. The figure show the lateral view of *Gt(vclb:vclb-EGFP)* embryos at 36 hpf,. The arrow shows the expressed GFP in somite.

Reference

Cheng, F., Miao, L., Wu, Q., Gong, X., Xiong, J., Zhang, J. (2016) Vinculin b deficiency causes epicardial hyperplasia and coronary vessel disorganization in zebrafish. *Development* 143(19):3522-3531