



***zf152Gt* /+(AB) (CZRC catalog ID: CZ49)**

Nature of the transgene

Homozygous mutants started to display pericardial oedema, an enlarged heart and smaller eyes at 2 dpf. The number of blood cells in homozygous mutants appeared to be comparable to that in wild-type or heterozygous siblings, showing GFP in aortic arches and in intestinal vessels of the heterozygous embryo.

Genotyping assay

Genotyping of the *zf152Gt* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 72 hpf.

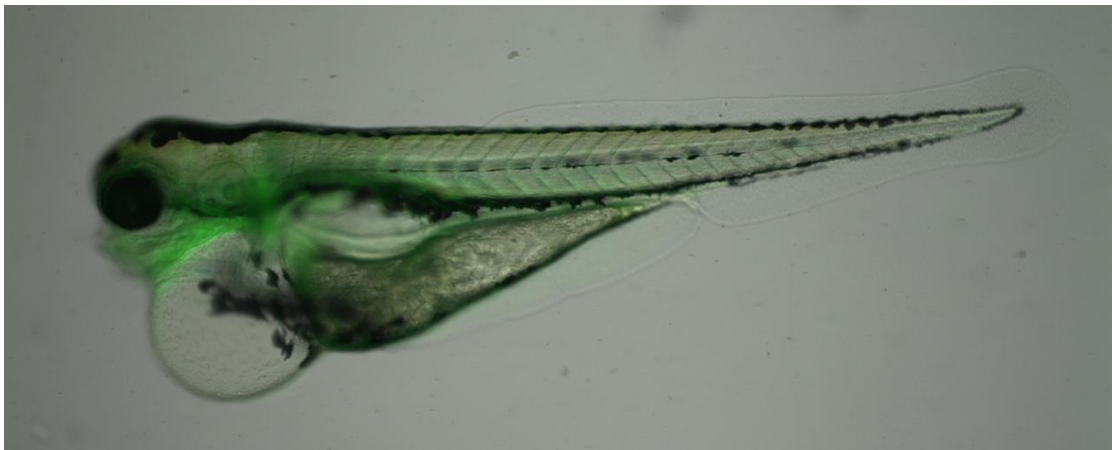


Figure. GFP expression in the lateral line at 4dpf in *zf152Gt* line. The figure shows the lateral view homozygous of *zf152Gt* embryos at 4dpf.

Reference

Schulte-Merker, S., Lee, K.J., McMahon, A.P., and Hammerschmidt, M. The zebrafish organizer requires chordino. *Nature*. 1997, 387(6636):862-863

