



***Tg(ift46:GAL4-VP16);Tg(UAS:nfsB-mCherry)* (CZRC catalog ID: CZ162)**

Nature of the transgene

The *Tg(ift46:GAL4-VP16;UAS:nfsB-mCherry)* was generated by a cross between *Tg(ift46:GAL4-VP16)* and *Tg(UAS:nfsB-mCherry)*. This line is a transgenic zebrafish line *Tg(ift46:GAL4-VP16)* in which the zebrafish *ift46* promoter was used to drive eye, pronephric duct, spinal cord expression of mCherry.

Genotyping assay

Genotyping of the *Tg(ift46:GAL4-VP16);Tg(UAS:nfsB-mCherry)* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 48 hpf.

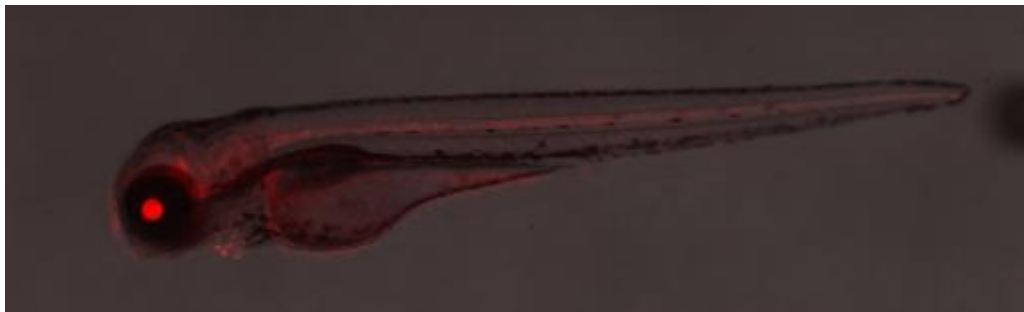


Figure. mCherry expression in the lateral line at 3dpf in *Tg(ift46:GAL4-VP16);Tg(UAS:nfsB-mCherry)* line. The figure shows the lateral view of *Tg(ift46:GAL4-VP16;UAS:nfsB-mCherry)* embryos at 3dpf.

Reference

None

