



***ck3Tg*+/+(AB) (CZRC catalog ID: CZ158)**

Nature of the transgene

The *ck3Tg* allele is a transgenic zebrafish line *Tg(-2.2col10a1a:GFP)* with green fluorescent protein expression in pectoral fin, cleithrum, opercle, branchiostegal ray at 5dpf.

Genotyping assay

Genotyping of the *ck3Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 5 dpf.

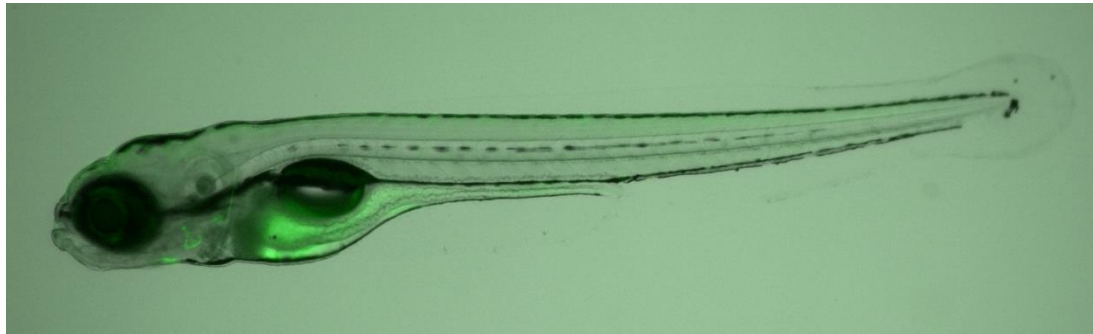


Figure. GFP expression in the lateral line at 5dpf in *ck3Tg* line. The figure shows the lateral view of *ck3Tg* embryos at 5dpf.

Reference

Kim, Y.I., Lee, S., Jung, S.H., Kim, H.T., Choi, J.H., Lee, M.S., You, K.H., Yeo, S.Y., Yoo, K.W., Kwak, S., Lee, J.N., Park, R., Choe, S.K., and Kim, C.H. (2013) Establishment of a bone-specific *col10a1:GFP* transgenic zebrafish. *Molecules and cells*. 36(2):145-50.

