



## ***knu3Tg*+/+(AB) (CZRC catalog ID: CZ160)**

### **Nature of the transgene**

The *knu3Tg* allele is a transgenic zebrafish line *Tg(elavl3:EGFP)* with green fluorescent protein expression in neurons cell at 3dpf.

### **Genotyping assay**

Genotyping of the *knu3Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 24 hpf.

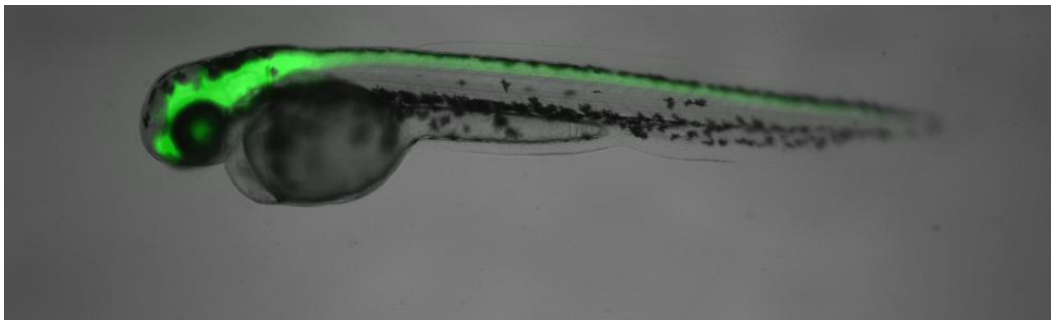


Figure. GFP expression in the lateral line at 3dpf in *knu3Tg* line. The figure shows the lateral view of *knu3Tg* embryos at 3dpf.

### **Reference**

Park, H.-C., Kim, C.-H., Bae, Y.-K., Yee, S.-Y., Kim, S.-H., Hong, S.-K., Shin, J., Yoo, K.-W., Hibi, M., Hirano, T., Miki, N., Chitnis, A.B., and Huh, T.-L. (2000) Analysis of upstream elements in the HuC promoter leads to the establishment of transgenic zebrafish with fluorescent neurons. *Developmental Biology*. 227(2):279-293.

