

## ***f2Tg/+* (AB) (CZRC Catalog ID: CZ 1249)**

### **Nature of the mutation**

The *f2Tg* allele is a transgenic zebrafish line *Tg(-5.1myl7:DsRed2-NLS)* in which the DsRed2 is expressed in atrial and ventricular cardiomyocyte nuclei beginning at approximately 48 hpf.

### **Genotyping assay**

Genotyping of the *f2Tg* allele is based on the fluorescent microscopy. The red fluorescent protein expression was observed in atrial and ventricular cardiomyocyte nuclei beginning at approximately 48 hpf.

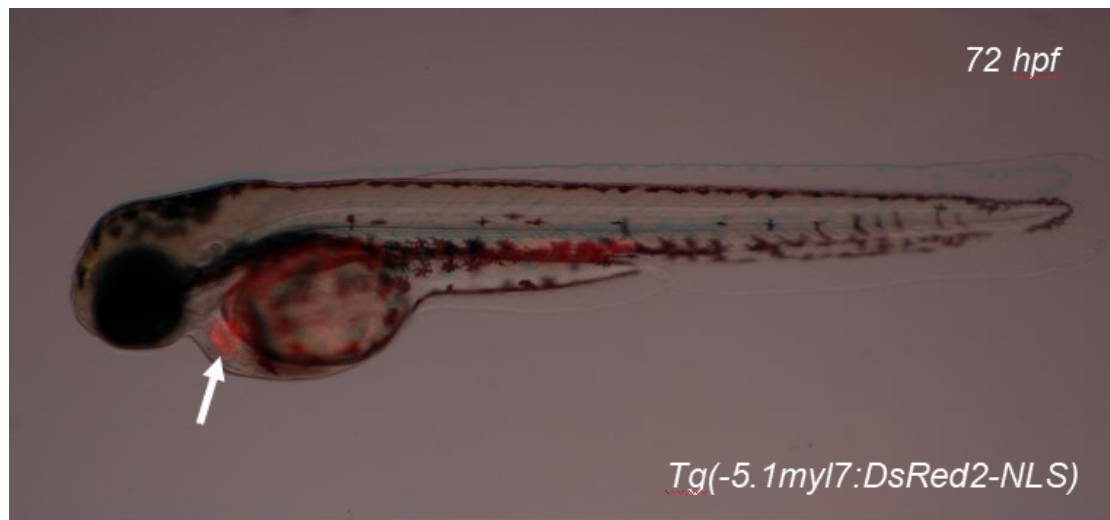


Figure. A transgenic zebrafish line *Tg(-5.1myl7:DsRed2-NLS)*. The red fluorescent protein expression was observed in atrial and ventricular cardiomyocyte nuclei at 72 hpf.

### **Reference**

Mably, J.D., Mohideen, M.A.P.K., Burns, C.G., Chen, J.-N., and Fishman, M.C. (2003) heart of glass regulates the concentric growth of the heart in zebrafish. *Current biology* : CB. 13(24):2138-2147

