

***fb7Tg/+* (AB) (CZRC Catalog ID: CZ 1251)**

Nature of the mutation

The *fb7Tg* allele is a transgenic zebrafish line *TgBAC(-36nkx2.5:ZsYellow)* with cardiac mesoderm yellow fluorescent protein-positive.

Genotyping assay

Genotyping of the *fb7Tg* allele is based on the fluorescent microscopy. The yellow fluorescent protein- expression in the heart starts at 60 hfp.

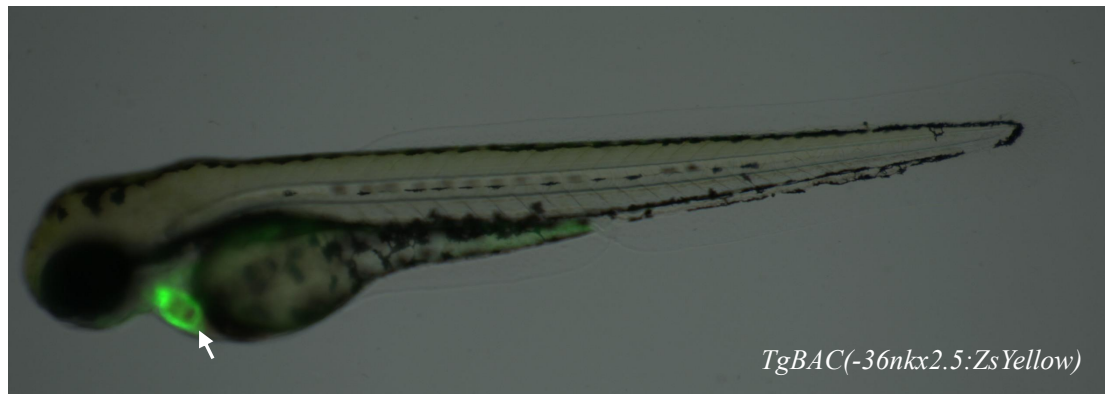


Figure. A transgenic zebrafish line *TgBAC(-36nkx2.5:ZsYellow)* .

The figure show the lateral view of *TgBAC(-36nkx2.5:ZsYellow)* embryos at 72hpf. The arrow shows heart expression of yellow fluorescent protein.

Reference

Zhou Y, Cashman TJ, Nevis KR, Obregon P, Carney SA, Liu Y, Gu A, Mosimann C, Sondalle S, Peterson RE, Heideman W, Burns CE, Burns CG. Latent TGF- β binding protein 3 identifies a second heart field in zebrafish. *Nature*. 2011 May 29;474(7353):645-8.