

Ihb12Tg /+(AB)

Nature of the mutation

The *ihb12Tg* allele was generated by random integration of a GFP-containing construct, expresses GFP ubiquitously in the whole body. This transgenic effector line can express *bbc3* protein in PGCs when cross with Gal4-transgenic activator lines, leading to apoptosis of the cell.

Genotyping assay

1. Genotyping of the *ihb12Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 30 hpf.

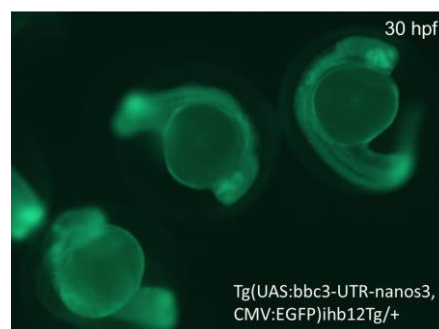


Figure. Strong GFP expression throughout the body at 30 hpf in *ihb12Tg* line. The figure shows the lateral view of *ihb12Tg* embryos at 30 hpf.

2. Genotyping of the *ihb12Tg* line can also be performed via allele-specific PCR using transgene-specific primers (Sense primer: ACAGTCCAAAATCAGCCACA, antisense primer CCTGAATTGTCCCTGAGTAGACTG, the length of PCR fragment is 509 bp).

Reference

n/a