

***Ihb27Tg* /+(AB) (CZRC catalog ID: CZ25)**

Nature of the mutation

The *ihb27Tg* allele was generated by random integration of a GFP-containing construct, predominantly expresses GFP in the midbrain at 30hpf.

Genotyping assay

1. Genotyping of the *ihb27Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable at 30 hpf.

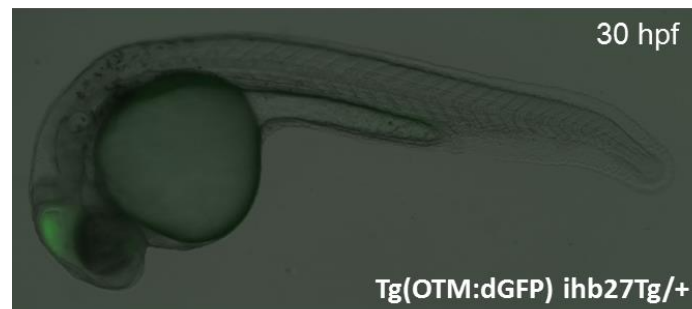


Figure. Midbrain GFP expression at 30 hpf in *ihb27Tg* line.

The figure shows the lateral view of *ihb27Tg* embryos at 30 hpf.

2. Genotyping of the *ihb27Tg* line can also be performed via allele-specific PCR using d2EGFP-specific primers (Sense primer: GTAAACGGCCACAAGTTCAG, antisense primer CTACACATTGATCCTAGCAGAAG, the length of PCR fragment is 780 bp).

Reference

n/a