

CZ12:ihb16Tg/+(AB)

Nature of the transgene

The *ihb16Tg* allele was generated by random integration of pT2(-1.9mylpfa:EGFP) construct.

Genotyping assay

1. Genotyping of the *ihb16Tg* allele is based on the fluorescent microscope. As identified by fluorescent microscope, the GFP fluorescence signal is detectable in fast muscle cells.

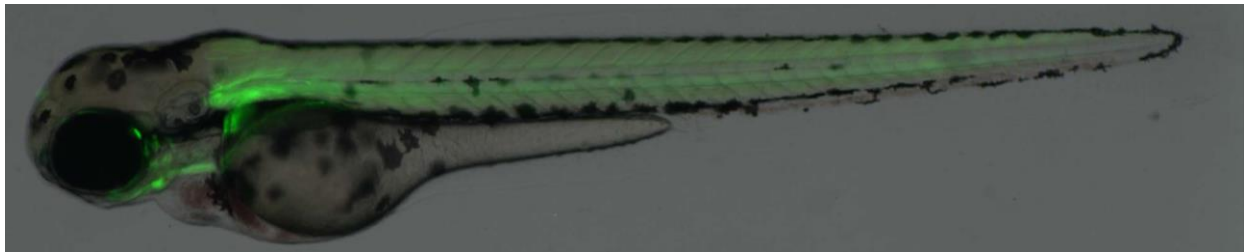


Figure. GFP expression in fast muscle cells at 3dpf in *ihb16Tg* line.

2. Genotyping of the *ihb5Tg* line can also be performed via allele-specific PCR using eGFP-specific primers (Sense primer: TGAGCAAGGGCGAGGAGC, antisense primer CTCGATGCGGTTACACCAG, the length of PCR fragment is 371 bp).