

***gz15Tg/+* (AB) (CZRC Catalog ID: CZ 16)**

Nature of the mutation

The *gz15Tg* allele is a two-color transgenic zebrafish line *Tg(fabp10a:dsRed;ela3l:EGFP)* with liver-specific expression of DsRed RFP and exocrine pancreas-specific expression of GFP.

Genotyping assay

Genotyping of the *gz15Tg* allele is based on the fluorescent microscopy. The Initial RFP expression in the liver starts at 48–53 hpf and GFP expression in the exocrine pancreas starts at 67–72 hpf.



Figure. A two-color transgenic zebrafish line *Tg(fabp10a:dsRed;ela3l:EGFP)*. The figure shows the lateral view of *Tg(fabp10a:dsRed;ela3l:EGFP)* embryos at 96hpf. The arrow shows liver-specific expression of DsRed RFP and exocrine pancreas-specific expression of GFP.

Reference

Korz S, Pan X, Garcia-Lecea M, Winata CL, Pan X, Wohland T, Korzh V, Gong Z. Requirement of vasculogenesis and blood circulation in late stages of liver growth in zebrafish. *BMC Dev Biol.* 2008 Sep 16;8:84. doi: 10.1186/1471-213X-8-84.