



sdu34Tg/+ (AB) (CZRC Catalog ID: CZ 1507)

Nature of the mutation

The *sdu34Tg* allele is a transgenic zebrafish line *Tg(cryaa:rbm24a_delRRM-GFP)*. The GFP expressed in eyes.

Genotyping assay

Genotyping of the *sdu34Tg* allele is based on the fluorescent microscopy. The GFP expression can be observed in eyes at 72 hpf.



Figure. A transgenic zebrafish line *Tg(cryaa:rbm24a_delRRM-GFP)* embryos at the 72hpf. The GFP expressed in eyes at 72 hpf.

Reference

Ming Shao, Tong Lu, Chong Zhang, Yi-Zhuang Zhang, Shu-Hui Kong, De-Li Shi Rbm24 controls poly(A) tail length and translation efficiency of crystallin mRNAs in the lens via cytoplasmic polyadenylation. [Proc Natl Acad Sci U S A](#). 2020 Mar 31; 117(13): 7245–7254.

