

***um14Tg* /+(AB) (CZRC catalog ID: CZ355)**

Nature of the mutation

The *um14Tg* allele was generated by random integration of a fusion EGFP-containing construct. GFP expression is under the control of an element containing 12 RBP-J κ binding sites. EGFP was observed in tissues known to be Notch-responsive such as the developing CNS, vasculature, liver, intestine and pancreas (Parsons, Pisharath et al. 2009).

Genotyping assay

1. This line expresses EGFP in the developing CNS, vasculature, liver, intestine and pancreas at 30 hpf.



Figure. EGFP expression in the developing CNS, vasculature, liver, intestine and pancreas at 30 hpf in *um14Tg* line.

The figure shows the lateral view of *um14Tg* embryos at 30 hpf.

Reference

Parsons, M. J., H. Pisharath, et al. (2009). "Notch-responsive cells initiate the secondary transition in larval zebrafish pancreas." Mechanisms of Development **126**(10): 898-912.