

***Tg(rag2:AURKB;rag2:mCherry)* (CZRC Catalog ID: CZ 1355)**

Nature of the mutation

The allele is a transgenic zebrafish line *Tg(rag2:AURKB;rag2:mCherry)* in which the *mCherry* is expressed in thymuses at approximately 80 hpf.

Genotyping assay

Genotyping of the *Tg(rag2:AURKB;rag2:mCherry)* allele is based on the fluorescent microscopy. The red fluorescent protein expression was observed in thymuses at approximately 80 hpf.

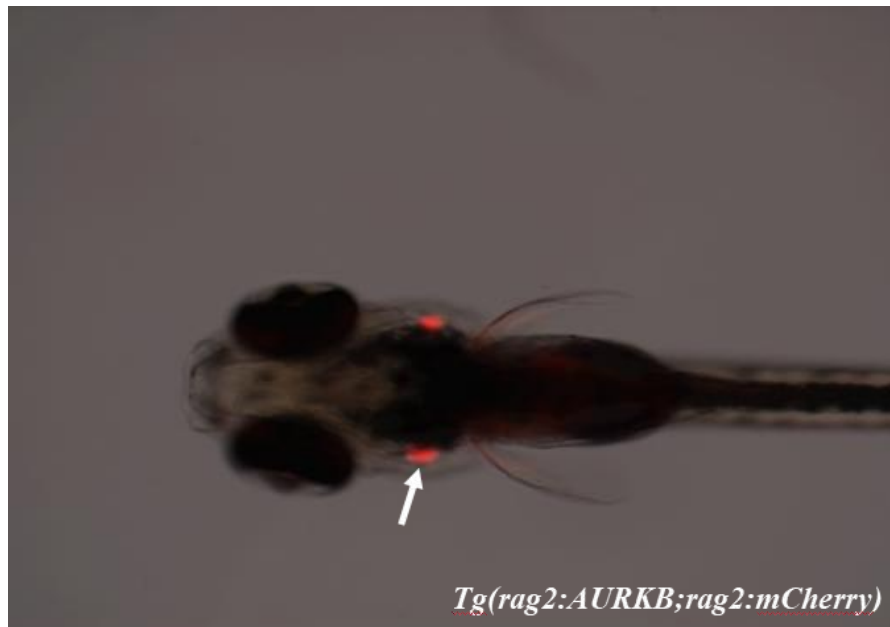


Figure. A transgenic zebrafish line *Tg(rag2:AURKB;rag2:mCherry)*. The red fluorescent protein expression was observed in thymuses at 72 hpf.

Reference

Jiang, J., Wang, J., Yue, M., Cai, X., Wang, T., Wu, C., Su, H., Wang, Y., Han, M., Zhang, Y., Zhu, X., Jiang, P., Li, P., Sun, Y., Xiao, W., Feng, H., Qing, G. and Liu, H. (2020). Direct Phosphorylation and Stabilization of MYC by Aurora B Kinase Promote

