

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 17, 2025

-gl22Tg

RRID:ZIRC_ZL9940

Type: Organism

Proper Citation

RRID:ZIRC_ZL9940

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL9940

Proper Citation: RRID:ZIRC_ZL9940

Description: Danio rerio with name Tg(mpeg1:EGFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: -gl22Tg

Genomic Alteration: gl22Tg

Catalog Number: ZL9940

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos, adults

Organism Name: -gl22Tg

Record Creation Time: 20230308T015100+0000

Record Last Update: 20250420T004746+0000

Ratings and Alerts

No rating or validation information has been found for -gl22Tg.

No alerts have been found for -gl22Tg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Camussi D, et al. (2024) Delving into the Complexity of Valproate-Induced Autism Spectrum Disorder: The Use of Zebrafish Models. *Cells*, 13(16).

Rumford JE, et al. (2024) Forced MyD88 signaling in microglia impacts the production and survival of regenerated retinal neurons. *Frontiers in cell and developmental biology*, 12, 1495586.

Araujo MH, et al. (2024) Exploring the Antimycobacterial Potential of Podocarpusflavone A from Kielmeyera membranacea: In Vitro and In Vivo Insights. *Pharmaceuticals (Basel, Switzerland)*, 17(12).

Xia J, et al. (2024) Inhibition of PIKfyve Leads to Lysosomal Disorders via Dysregulation of mTOR Signaling. *Cells*, 13(11).

Soos BL, et al. (2024) Color-Flu Fluorescent Reporter Influenza A Viruses Allow for In Vivo Studies of Innate Immune Function in Zebrafish. *Viruses*, 16(1).

Goumenaki P, et al. (2024) The innate immune regulator MyD88 dampens fibrosis during zebrafish heart regeneration. *Nature cardiovascular research*, 3(9), 1158.

Hu YT, et al. (2023) Treponema pallidum promoted microglia apoptosis and prevented itself from clearing by human microglia via blocking autophagic flux. *PLoS pathogens*, 19(8), e1011594.

Flores E, et al. (2023) Colonization of larval zebrafish (Danio rerio) with adherent-invasive Escherichia coli prevents recovery of the intestinal mucosa from drug-induced enterocolitis. *mSphere*, 8(6), e0051223.

Morales M, et al. (2023) Intercellular contact and cargo transfer between Müller glia and to microglia precede apoptotic cell clearance in the developing retina. bioRxiv : the preprint server for biology.

Kulkarni A, et al. (2022) A zebrafish tailfin injury assay protocol for quantifying immune cell migration and infiltration. STAR protocols, 3(1), 101196.

Simões FC, et al. (2020) Macrophages directly contribute collagen to scar formation during zebrafish heart regeneration and mouse heart repair. Nature communications, 11(1), 600.

Chia K, et al. (2019) Brain tumours repurpose endogenous neuron to microglia signalling mechanisms to promote their own proliferation. eLife, 8.

Chia K, et al. (2018) Tumor initiating cells induce Cxcr4-mediated infiltration of pro-tumoral macrophages into the brain. eLife, 7.