

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

-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: 20260912T192003+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 29 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Liu L, et al. (2026) The function of TLR2 and the microbiome in macrophage-dependent dissemination of nontuberculous mycobacterial gut infection. *International journal of biological sciences*, 22(10), 5359.

Yin J, et al. (2026) [Establish a Zebrafish Atherosclerosis Model Screening Platform to Evaluate the Therapeutic Effects of Qi-Regulating and Blood-Activating Prescriptions on Atherosclerosis]. *Sichuan da xue xue bao. Yi xue ban = Journal of Sichuan University. Medical science edition*, 57(3), 662.

Peir??-Moreno C, et al. (2026) Internalization of Exogenous Myelin by Oligodendroglia Promotes Lineage Progression. *Glia*, 74(3), e70132.

Sin-Hang Yeung S, et al. (2026) BullFish: Software for an automated stepwise analysis of positional and postural kinematics of zebrafish locomotion. *iScience*, 29(6), 115798.

Chen Y, et al. (2026) Vulnerability of SRSF2-mutated chronic myelomonocytic leukemia to perturbation of the cGAS-STING pathway. *Blood advances*, 10(3), 710.

Wei Q, et al. (2026) Dose-Effect Relationship of the Immunotoxicity, Neurotoxicity, Gastrointestinal Toxicity, and Hepatotoxicity of the Maillard Reaction Product 2-Acetylfuran. *Foods (Basel, Switzerland)*, 15(3).

Dong J, et al. (2026) Structural Characterization and Immunomodulatory Activity of Fructan Polysaccharides from Two Varieties of *Codonopsis pilosula* (C. pilosula Nannf. var. modesta and C. pilosula (Franch.) Nannf.). *Foods (Basel, Switzerland)*, 15(3).

Kraus A, et al. (2026) Longitudinal in vivo imaging of dynamic immune-vascular responses to meningeal cerebrovascular injury. *Journal of neuroinflammation*, 23(1).

Wang JE, et al. (2025) The integrated stress response promotes macrophage inflammation and migration in autoimmune diabetes. *Cell communication and signaling : CCS*, 23(1), 374.

Guerra J, et al. (2025) Brain accumulation of lactosylceramide characterizes GALC deficiency in a zebrafish model of Krabbe disease. *Brain : a journal of neurology*, 148(10), 3748.

Feng D, et al. (2025) Nr4a1 modulates inflammation and heart regeneration in zebrafish. *Development (Cambridge, England)*, 152(20).

Ma Y, et al. (2025) DHRS7 Integrates NADP⁺/NADPH Redox Sensing with Inflammatory Lipid Signalling via the Oxoeicosanoid Pathway. *bioRxiv* : the preprint server for biology.

Constanty F, et al. (2025) Border-zone cardiomyocytes and macrophages regulate extracellular matrix remodeling to promote cardiomyocyte protrusion during cardiac regeneration. *Nature communications*, 16(1), 3823.

Kaylan KB, et al. (2025) 12-Lipoxygenase Inhibition Improves Glycemia and Obesity-associated Inflammation in Male Human Gene Replacement Mice. *Endocrinology*, 166(6).

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

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).

Katdare KA, et al. (2024) IQGAP2 regulates blood-brain barrier immune dynamics. *bioRxiv* : the preprint server for biology.

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

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.