

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

y1Tg/+ (AB)

RRID:ZIRC_ZL1085

Type: Organism

Proper Citation

RRID:ZIRC_ZL1085

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1085

Proper Citation: RRID:ZIRC_ZL1085

Description: Danio rerio with name Tg(fli1:EGFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: y1Tg/+ (AB)

Genomic Alteration: y1Tg

Catalog Number: ZL1085

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos

Organism Name: y1Tg/+ (AB)

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260912T192003+0000

Ratings and Alerts

No rating or validation information has been found for y1Tg/+ (AB).

No alerts have been found for y1Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 148 mentions in open access literature.

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

Živi? K, et al. (2026) Repurposing Rilmenidine as a Potential Antimetastatic Therapy Targeting Nischarin in Pancreatic Ductal Adenocarcinoma. *Cells*, 15(11).

Veltri G, et al. (2026) NFATc1 and NFATc2 regulate glucocorticoid resistance in pediatric T-cell acute lymphoblastic leukemia through modulation of cholesterol biosynthesis and the WNT/?-catenin pathway. *Haematologica*, 111(3), 828.

Shad HH, et al. (2026) Marine-Derived Fucoidan Modulates Pathways Associated with Age-Related Macular Degeneration in Cellular and Zebrafish Models. *Marine drugs*, 24(6).

Qian X, et al. (2026) Sphingosine-1-Phosphate-derived 2-Hexadecenal is a central mediator of ocular neovascularization by inhibiting Sphingosine-1-Phosphate receptor 5. *Nature communications*, 17(1).

Bakker-van Bugnum N, et al. (2026) A zebrafish multimodal toolbox to study the blood-brain barrier in health and disease. *Scientific reports*, 16(1).

Petrova D, et al. (2025) Semaphorin 3F is elevated in serum of heart failure patients and inhibits cardiac angiogenesis via the VEGF/Akt/eNOS pathway. *Journal of molecular and cellular cardiology plus*, 13, 100470.

Fernezelian D, et al. (2025) Telencephalic stab wound injury induces regenerative angiogenesis and neurogenesis in zebrafish: unveiling the role of vascular endothelial growth factor signaling and microglia. *Neural regeneration research*, 20(10), 2938.

Luo H, et al. (2025) OPN3-mediated positive regulation of angiogenesis in HUVECs through VEGFR2 interaction. *Communications biology*, 8(1), 529.

Rosa JGS, et al. (2025) Evaluating TnP as a Potential Therapeutic Agent for Retinopathy in Zebrafish Models. *Pharmaceuticals (Basel, Switzerland)*, 18(6).

Jemma A, et al. (2025) TIMP1 Overexpression in Ovarian Cancer Spheroids: Implications for Prognosis, Resistance, and Metastatic Potential. *Cancers*, 17(10).

Bevan L, et al. (2025) Aged Zebrafish as a Spontaneous Model of Cardiac Valvular Disease. *Aging cell*, 24(12), e70266.

Wu MJ, et al. (2025) KDM4C works in concert with GATA1 to regulate heme metabolism in head and neck squamous cell carcinoma. *Cellular and molecular life sciences : CMLS*, 82(1), 170.

Gjorcheska S, et al. (2025) Sox10 is required for systemic initiation of bone mineralization. *Development (Cambridge, England)*, 152(2).

Shin K, et al. (2024) Harnessing the regenerative potential of interleukin11 to enhance heart repair. *Nature communications*, 15(1), 9666.

Bezerra P, et al. (2024) 3-NAntC: A Potent Crotoxin B-Derived Peptide against the Triple-Negative MDA-MB-231 Breast Cancer Cell Line. *Molecules (Basel, Switzerland)*, 29(7).

Rinaldi L, et al. (2024) Downregulation of praja2 restrains endocytosis and boosts tyrosine kinase receptors in kidney cancer. *Communications biology*, 7(1), 208.

Treccani S, et al. (2024) Ecotoxicity Assessment of α -Amino Acid-Derived Polyamidoamines Using Zebrafish as a Vertebrate Model. *Polymers*, 16(14).

Shin K, et al. (2024) Harnessing the regenerative potential of interleukin11 to enhance heart repair. *bioRxiv : the preprint server for biology*.

Kiper K, et al. (2024) Cerebral Vascular Toxicity after Developmental Exposure to Arsenic (As) and Lead (Pb) Mixtures. *Toxics*, 12(9).

He J, et al. (2024) Plxnd1-mediated mechanosensing of blood flow controls the caliber of the Dorsal Aorta via the transcription factor Klf2. *bioRxiv : the preprint server for biology*.