

Resource Summary Report

Generated by [dkNET](#) on Aug 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: 20260815T174349+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 [dkNET](#).

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.