

Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 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: 20260725T182650+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 143 mentions in open access literature.

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

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.

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

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.

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

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

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

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

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.

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.

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).

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

López-Cuevas P, et al. (2024) Reprogramming macrophages with R848-loaded artificial protocells to modulate skin and skeletal wound healing. *Journal of cell science*, 137(16).

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*.

Marcone S, et al. (2024) Targeting Radiation Resistance in Oesophageal Adenocarcinoma with Pyrazinib-Functionalised Gold Nanoparticles. *Cancers*, 16(23).

Baykal S, et al. (2024) Phenotypically plastic drug-resistant chronic myeloid leukaemia cell line displays enhanced cellular dynamics in a zebrafish xenograft model. *Journal of cellular and molecular medicine*, 28(19), e70105.

Cocchi S, et al. (2024) EGCG Disrupts the LIN28B/Let-7 Interaction and Reduces Neuroblastoma Aggressiveness. *International journal of molecular sciences*, 25(9).

Préau L, et al. (2024) Parenchymal cues define Vegfa-driven venous angiogenesis by activating a sprouting competent venous endothelial subtype. *Nature communications*, 15(1), 3118.