

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[uwm1Tg/+ \(AB\)](#)

RRID:ZIRC_ZL1774

Type: Organism

Proper Citation

RRID:ZIRC_ZL1774

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1774

Proper Citation: RRID:ZIRC_ZL1774

Description: Danio rerio with name Tg(mpx:GFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: uwm1Tg/+ (AB)

Genomic Alteration: uwm1Tg

Catalog Number: ZL1774

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: uwm1Tg/+ (AB)

Record Creation Time: 20230308T015229+0000

Record Last Update: 20260912T192206+0000

Ratings and Alerts

No rating or validation information has been found for uwm1Tg/+ (AB).

No alerts have been found for uwm1Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Terrin F, et al. (2026) β -Sitosterol β -D-glucoside (BSSG) triggers intestinal inflammation in zebrafish and mouse models prior to neurodegeneration onset. *Journal of biomedical science*, 33(1).

Schmid AV, et al. (2026) Interferon signaling is required for early neutrophil recruitment after zebrafish heart injury. *Biology open*, 15(6).

Hernández L, et al. (2026) Teleost-specific ictacalcins exhibit similar structural organization, cation-dependent activation, and transcriptional regulation as human S100 proteins. *The FEBS journal*, 293(7), 2042.

Mao L, et al. (2025) *Nymphaea* "Eldorado" flower extract targets serpine 1 to attenuate inflammatory and antioxidant crosstalk in zebrafish. *Frontiers in pharmacology*, 16, 1612233.

Naruoka S, et al. (2024) A zebrafish gene with sequence similarities to human uromodulin and GP2 displays extensive evolutionary diversification among teleost and confers resistance to bacterial infection. *Heliyon*, 10(18), e37510.

Sobah ML, et al. (2023) Contribution of Signal Transducer and Activator of Transcription 3 (STAT3) to Bone Development and Repair. *International journal of molecular sciences*, 25(1).

Wang X, et al. (2022) Zebrafish Xenograft Model for Studying Pancreatic Cancer-Instructed Innate Immune Microenvironment. *International journal of molecular sciences*, 23(12).

Lin MJ, et al. (2022) Macrophages Break Interneuromast Cell Quiescence by Intervening in the Inhibition of Schwann Cells in the Zebrafish Lateral Line. *Frontiers in cell and developmental biology*, 10, 907863.

Palominos MF, et al. (2022) The Olfactory Organ Is a Unique Site for Neutrophils in the Brain. *Frontiers in immunology*, 13, 881702.

Lama R, et al. (2022) Zebrafish as a Vertebrate Model for Studying Nodavirus Infections. *Frontiers in immunology*, 13, 863096.

Jim KK, et al. (2022) Pneumolysin promotes host cell necroptosis and bacterial competence during pneumococcal meningitis as shown by whole-animal dual RNA-seq. *Cell reports*, 41(12), 111851.

Xiao X, et al. (2022) A novel uveitis model induced by lipopolysaccharide in zebrafish. *Frontiers in immunology*, 13, 1042849.

Huang Z, et al. (2021) Runx1 regulates zebrafish neutrophil maturation via synergistic interaction with c-Myb. *The Journal of biological chemistry*, 296, 100272.

Sipka T, et al. (2021) Damage-Induced Calcium Signaling and Reactive Oxygen Species Mediate Macrophage Activation in Zebrafish. *Frontiers in immunology*, 12, 636585.

Ulloa BA, et al. (2021) Definitive hematopoietic stem cells minimally contribute to embryonic hematopoiesis. *Cell reports*, 36(11), 109703.

Guan R, et al. (2021) Plasma obtained following murine hindlimb ischemic conditioning protects against oxidative stress in zebrafish models through activation of nrf2a and downregulation of duox. *PloS one*, 16(11), e0260442.

Kocere A, et al. (2020) Real-time imaging of polymersome nanoparticles in zebrafish embryos engrafted with melanoma cancer cells: Localization, toxicity and treatment analysis. *EBioMedicine*, 58, 102902.

Al-Hassan JM, et al. (2020) Potential Mechanism of Dermal Wound Treatment With Preparations From the Skin Gel of Arabian Gulf Catfish: A Unique Furan Fatty Acid (F6) and Cholesta-3,5-Diene (S5) Recruit Neutrophils and Fibroblasts to Promote Wound Healing. *Frontiers in pharmacology*, 11, 899.

Zhu XY, et al. (2020) Fenobucarb-induced developmental neurotoxicity and mechanisms in zebrafish. *Neurotoxicology*, 79, 11.

Coombs C, et al. (2019) Chemokine receptor trafficking coordinates neutrophil clustering and dispersal at wounds in zebrafish. *Nature communications*, 10(1), 5166.