

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 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: 20260725T182852+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 33 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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).

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.

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

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.

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.

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

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

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.

Gurevich DB, et al. (2019) Live imaging the foreign body response in zebrafish reveals how dampening inflammation reduces fibrosis. Journal of cell science, 133(5).

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

Nguyen T, et al. (2019) Epigallocatechin-3-gallate suppresses neutrophil migration speed in a transgenic zebrafish model accompanied by reduced inflammatory mediators. Journal of inflammation research, 12, 231.

Al-Hassan JM, et al. (2019) Furanoic Lipid F-6, A Novel Anti-Cancer Compound that Kills Cancer Cells by Suppressing Proliferation and Inducing Apoptosis. Cancers, 11(7).