

# Resource Summary Report

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

## TU

RRID:ZIRC\_ZL57

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL57

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL57](http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL57)

**Proper Citation:** RRID:ZIRC\_ZL57

**Description:** Danio rerio with name from ZIRC.

**Species:** Danio rerio

**Notes:** wild-type

**Affected Gene:** TU

**Catalog Number:** ZL57

**Database:** Zebrafish Lines at ZIRC

**Database Abbreviation:** ZIRC

**Availability:** embryos, adults

**Organism Name:** TU

**Record Creation Time:** 20230308T015100+0000

**Record Last Update:** 20260912T192002+0000

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### Ratings and Alerts

No rating or validation information has been found for TU.

No alerts have been found for TU.

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### Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Zebrafish Lines at ZIRC

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## Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Sadamitsu K, et al. (2025) Establishment and genetic characterization of zebrafish RW line. Scientific reports, 15(1), 14512.

Starkey J, et al. (2025) A conserved teleost motor asymmetry requires evolutionary retention of vision. iScience, 28(12), 114035.

Turgeon A, et al. (2024) Dzip1 is dynamically expressed in the vertebrate germline and regulates the development of Xenopus primordial germ cells. Developmental biology, 514, 28.

McCann T, et al. (2024) Emc1 is essential for vision and zebrafish photoreceptor outer segment morphogenesis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(19), e70086.

Hwang H, et al. (2023) Solubility phase transition of maternal RNAs during vertebrate oocyte-to-embryo transition. Developmental cell, 58(23), 2776.

Hwang H, et al. (2023) Phase transition of maternal RNAs during vertebrate oocyte-to-embryo transition. bioRxiv : the preprint server for biology.

Liu X, et al. (2023) Unraveling the whole genome DNA methylation profile of zebrafish kidney marrow by Oxford Nanopore sequencing. Scientific data, 10(1), 532.

Kemmler CL, et al. (2023) Conserved enhancers control notochord expression of vertebrate Brachyury. Nature communications, 14(1), 6594.

Parvez S, et al. (2023) Large-scale F0 CRISPR screens in vivo using MIC-Drop. Nature protocols, 18(6), 1841.

Moskal N, et al. (2023) An AI-guided screen identifies probucol as an enhancer of mitophagy through modulation of lipid droplets. PLoS biology, 21(3), e3001977.

Thiruppathy M, et al. (2022) Gill developmental program in the teleost mandibular arch. eLife, 11.

Kent ML, et al. (2021) Intranuclear inclusions consistent with a Nucleospora sp. in a lymphoid lesion in a laboratory zebrafish, Danio rerio (Hamilton 1822). Journal of fish diseases, 44(1), 107.

Greenfield H, et al. (2021) The BMP signaling gradient is interpreted through concentration thresholds in dorsal-ventral axial patterning. PLoS biology, 19(1), e3001059.

Vilar R, et al. (2021) Chemical Modulators of Fibrinogen Production and Their Impact on Venous Thrombosis. *Thrombosis and haemostasis*, 121(4), 433.

von Krogh K, et al. (2021) Screening of Anaesthetics in Adult Zebrafish (*Danio rerio*) for the Induction of Euthanasia by Overdose. *Biology*, 10(11).

Katz SR, et al. (2021) Whole-organism 3D quantitative characterization of zebrafish melanin by silver deposition micro-CT. *eLife*, 10.

Martínez-Morcillo FJ, et al. (2021) NAMPT-derived NAD<sup>+</sup> fuels PARP1 to promote skin inflammation through parthanatos cell death. *PLoS biology*, 19(11), e3001455.

Boswell M, et al. (2020) Deconvoluting Wavelengths Leading to Fluorescent Light Induced Inflammation and Cellular Stress in Zebrafish (*Danio rerio*). *Scientific reports*, 10(1), 3321.

Tuazon FB, et al. (2020) Proteolytic Restriction of Chordin Range Underlies BMP Gradient Formation. *Cell reports*, 32(7), 108039.

Singh AP, et al. (2019) *Klotho* Regulates Age-Associated Vascular Calcification and Lifespan in Zebrafish. *Cell reports*, 28(11), 2767.