Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 30, 2025

TU

RRID:ZIRC_ZL57 Type: Organism

Proper Citation

RRID:ZIRC_ZL57

Organism Information

URL:

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: 20250420T004746+0000

Ratings and Alerts

No rating or validation information has been found for TU.

No alerts have been found for TU.

Data and Source Information

Source: Integrated Animals

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

Hwang H, et al. (2023) Phase transition of maternal RNAs during vertebrate oocyte-toembryo 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.

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.

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

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.

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

Holmgren M, et al. (2021) Mechanical overstimulation causes acute injury and synapse loss followed by fast recovery in lateral-line neuromasts of larval zebrafish. eLife, 10.

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+ 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.

Speer KF, et al. (2019) Non-acylated Whts Can Promote Signaling. Cell reports, 26(4), 875.

Pant DC, et al. (2019) Loss of the sphingolipid desaturase DEGS1 causes hypomyelinating leukodystrophy. The Journal of clinical investigation, 129(3), 1240.

LaFlamme A, et al. (2018) Alternative splicing of (ppp1r12a/mypt1) in zebrafish produces a novel myosin phosphatase targeting subunit. Gene, 675, 15.

Sandoval IT, et al. (2017) A metabolic switch controls intestinal differentiation downstream of Adenomatous polyposis coli (APC). eLife, 6.