

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

TL

RRID:ZIRC_ZL86

Type: Organism

Proper Citation

RRID:ZIRC_ZL86

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL86

Proper Citation: RRID:ZIRC_ZL86

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: wild-type

Affected Gene: TL

Catalog Number: ZL86

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos, adults

Organism Name: TL

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260905T124901+0000

Ratings and Alerts

No rating or validation information has been found for TL.

No alerts have been found for TL.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Raj B, et al. (2025) Single-Cell Profiling of Lineages and Cell Types in the Vertebrate Brain. *Methods in molecular biology* (Clifton, N.J.), 2886, 299.

McNamara HM, et al. (2025) Optogenetic control of Nodal signaling patterns. *Development* (Cambridge, England), 152(9).

Saucier D, et al. (2025) Robust statistical assessment of Oncogenotype to Organotropism translation in xenografted zebrafish. *bioRxiv : the preprint server for biology*.

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

Breckenridge A, et al. (2025) Validating the antiseizure effects of vitexin and related flavone glycosides in zebrafish. *Frontiers in pharmacology*, 16, 1628324.

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

McNamara HM, et al. (2024) Optogenetic control of Nodal signaling patterns. *bioRxiv : the preprint server for biology*.

Gill S, et al. (2024) A conserved role for ALG10/ALG10B and the N -glycosylation pathway in the sleep-epilepsy axis. *medRxiv : the preprint server for health sciences*.

Khatiwada B, et al. (2024) Comparison of baseline cataract rates in AB and TL wildtype zebrafish strains. *Experimental eye research*, 243, 109908.

Zúñiga Mouret R, et al. (2024) The adaptor protein 2 (AP2) complex modulates habituation and behavioral selection across multiple pathways and time windows. *iScience*, 27(4), 109455.

Bitsikas V, et al. (2024) A vertebrate family without a functional Hypocretin/Orexin arousal system. *Current biology : CB*.

Kent MR, et al. (2024) Functional Genomics of Novel Rhabdomyosarcoma Fusion-Oncogenes Using Zebrafish. *Methods in molecular biology* (Clifton, N.J.), 2707, 23.

Hageter J, et al. (2023) Protocol for controlling visual experience during zebrafish development and modulation of motor behavior. *STAR protocols*, 4(4), 102636.

Watson S, et al. (2023) VGLL2-NCOA2 leverages developmental programs for pediatric sarcomagenesis. *Cell reports*, 42(1), 112013.

Emond MR, et al. (2023) Quantitation of mitotic cells in the neural tube of zebrafish embryos using automated nuclei counting. *STAR protocols*, 4(4), 102596.

Pagán AJ, et al. (2022) mTOR-regulated mitochondrial metabolism limits mycobacterium-induced cytotoxicity. *Cell*, 185(20), 3720.

Haynes EM, et al. (2022) KLC4 shapes axon arbors during development and mediates adult behavior. *eLife*, 11.

Daane JM, et al. (2021) Modulation of bioelectric cues in the evolution of flying fishes. *Current biology : CB*, 31(22), 5052.

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.

Sun G, et al. (2021) Integrin intra-heterodimer affinity inversely correlates with integrin activatability. *Cell reports*, 35(10), 109230.