## **Resource Summary Report**

Generated by NIF on Apr 25, 2025

# **Zebrafish International Resource Center**

RRID:SCR 005065

Type: Tool

## **Proper Citation**

Zebrafish International Resource Center (RRID:SCR\_005065)

#### **Resource Information**

URL: http://zebrafish.org

**Proper Citation:** Zebrafish International Resource Center (RRID:SCR\_005065)

**Description:** Center that supplies access to wild-type, mutant, and transgenic zebrafish lines, EST's/cDNAs, antibodies and fish health services. ZIRC Health Services include diagnostic pathology testing for zebrafish and other small laboratory fish species.

**Abbreviations:** ZIRC

Synonyms: Zebrafish International Resource Center

Resource Type: material resource, organism supplier, biomaterial supply resource

**Keywords:** RIN, Resource Information Network, zebrafish line, expressed sequence tag, cdna, fish, antibody, pathology, research, embryo, adult

Funding: NICHD HD12546;

NCRR RR12546;

W.M. Keck Foundation:

NIH Office of the Director P40 OD011021

**Availability:** Restricted

Resource Name: Zebrafish International Resource Center

Resource ID: SCR\_005065

**Alternate IDs:** nif-0000-00242

Alternate URLs: http://zebrafish.org/home/guide.php

License: Resource specific license

License URLs: http://zebrafish.org/documents/terms\_of\_use.php

**Record Creation Time:** 20220129T080228+0000

**Record Last Update:** 20250424T064737+0000

### Ratings and Alerts

No rating or validation information has been found for Zebrafish International Resource Center.

No alerts have been found for Zebrafish International Resource Center.

### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 407 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

Rolfs LA, et al. (2025) myh9b is a critical non-muscle myosin II encoding gene that interacts with myh9a and myh10 during zebrafish development in both compensatory and redundant pathways. G3 (Bethesda, Md.), 15(1).

Piekniewska A, et al. (2024) Do organisms need an impact factor? Citations of key biological resources including model organisms reveal usage patterns and impact. bioRxiv: the preprint server for biology.

Vasileva E, et al. (2024) Origin of Ewing sarcoma by embryonic reprogramming of neural crest to mesoderm. bioRxiv: the preprint server for biology.

Bufalo AJ, et al. (2024) EpCAM regulates hair cell development and regeneration in the zebrafish lateral line. microPublication biology, 2024.

Casey MJ, et al. (2024) A Simple and Scalable Zebrafish Model of Sonic Hedgehog Medulloblastoma. bioRxiv: the preprint server for biology.

Segal D, et al. (2024) Caveolin-1 regulates context-dependent signaling and survival in Ewing Sarcoma. bioRxiv: the preprint server for biology.

Campbell CA, et al. (2024) p65 signaling dynamics drive the developmental progression of hematopoietic stem and progenitor cells through cell cycle regulation. Nature communications, 15(1), 7787.

Bell JM, et al. (2024) foxg1a is required for hair cell development and regeneration in the zebrafish lateral line. Biology open, 13(9).

Ming Z, et al. (2024) Lineage labeling with zebrafish hand2 Cre and CreERT2 recombinase CRISPR knock-ins. bioRxiv: the preprint server for biology.

Megerson E, et al. (2024) Kremen1 regulates the regenerative capacity of support cells and mechanosensory hair cells in the zebrafish lateral line. iScience, 27(1), 108678.

Lavorato M, et al. (2024) dldhcri3 zebrafish exhibit altered mitochondrial ultrastructure, morphology, and dysfunction partially rescued by probucol or thiamine. JCI insight, 9(18).

Narayanan S, et al. (2024) Predictive neural computations in the cerebellum contribute to motor planning and faster behavioral responses in larval zebrafish. Science advances, 10(1), eadi6470.

Casey MJ, et al. (2024) A simple and scalable zebrafish model of Sonic hedgehog medulloblastoma. Cell reports, 43(8), 114559.

Paulissen E, et al. (2024) Live Imaging Transverse Sections of Zebrafish Embryo Explants. Bio-protocol, 14(3), e4928.

Rajan ARD, et al. (2024) Generation of a zebrafish neurofibromatosis model via inducible knockout of nf2. bioRxiv: the preprint server for biology.

Chen AB, et al. (2024) Norepinephrine changes behavioral state via astroglial purinergic signaling. bioRxiv: the preprint server for biology.

Song P, et al. (2024) Photoreceptor regeneration occurs normally in microglia-deficient irf8 mutant zebrafish following acute retinal damage. Scientific reports, 14(1), 20146.

Liu Y, et al. (2024) Exploring pathways toward open-hardware ecosystems to safeguard genetic resources for biomedical research communities using aquatic model species. Journal of experimental zoology. Part B, Molecular and developmental evolution, 342(3), 278.

Lee JJ, et al. (2024) Dysregulated lysosomal exocytosis drives protease-mediated cartilage pathogenesis in multiple lysosomal disorders. iScience, 27(4), 109293.

Yin X, et al. (2024) Compartmentalized ocular lymphatic system mediates eye-brain immunity. Nature, 628(8006), 204.