

Resource Summary Report

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Zebrafish Information Network (ZFIN)

RRID:SCR_002560

Type: Tool

Proper Citation

Zebrafish Information Network (ZFIN) (RRID:SCR_002560)

Resource Information

URL: <http://zfin.org>

Proper Citation: Zebrafish Information Network (ZFIN) (RRID:SCR_002560)

Description: Model organism database that serves as central repository and web-based resource for zebrafish genetic, genomic, phenotypic and developmental data. Data represented are derived from three primary sources: curation of zebrafish publications, individual research laboratories and collaborations with bioinformatics organizations. Data formats include text, images and graphical representations. Serves as primary community database resource for laboratory use of zebrafish. Developed and supports integrated zebrafish genetic, genomic, developmental and physiological information and link this information extensively to corresponding data in other model organism and human databases.

Abbreviations: ZFIN

Synonyms: Zebrafish Database, The Zebrafish Model Organism Database, Zebra Model Organism Database, ZebraFish Information Network, ZFIN

Resource Type: database, data or information resource

Defining Citation: [PMID:23074187](#), [PMID:21036866](#), [PMID:16381936](#)

Keywords: expression, gene, anatomy, development, disease, genomic, model, molecular, mutant, neuronal, organism, phenotype, physiological, synteny, zebrafish, gene expression, genome sequence, molecular neuroanatomy resource, genotype, anatomical structure, publication, genome, image collection, gold standard, bio.tools, FASEB list, RRID Community Authority

Funding: NHGRI P41 HG002659;
NHGRI R01 HG004834

Availability: Free, Available for download, Freely available

Resource Name: Zebrafish Information Network (ZFIN)

Resource ID: SCR_002560

Alternate IDs: OMICS_01666, nif-0000-21427, biotools:zfin, r3d100010421, SCR_017504

Alternate URLs: http://zfin.org/ZFIN/misc_html/tips.html#newrecord, <https://wiki.zfin.org/display/general/ZFIN+Data+Submissions>, <https://bio.tools/zfin>, <https://doi.org/10.17616/R3CK5Z>

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License URLs:

<https://zfin.atlassian.net/wiki/spaces/general/pages/1942160112/WARRANTY+AND+LIABILITY+DISCLAIMER>

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260725T191124+0000

Ratings and Alerts

No rating or validation information has been found for Zebrafish Information Network (ZFIN).

No alerts have been found for Zebrafish Information Network (ZFIN).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 898 mentions in open access literature.

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

Qu X, et al. (2026) Investigation of epilepsy-related genes in a Drosophila model. Neural regeneration research, 21(1), 195.

Xing YY, et al. (2026) BMP4 initiates and patterns ventral-caudal structures in zebrafish and human pluripotent stem cell aggregates. The EMBO journal, 45(1), 210.

Fischer MC, et al. (2026) Splicing and frameshift variants in QSER1 may be involved in developmental phenotypes. HGG advances, 7(1), 100539.

Barber HM, et al. (2025) Radial astroglia cooperate with microglia to clear neuronal cell bodies during zebrafish optic tectum development. Cell reports, 44(11), 116509.

Ma Z, et al. (2025) A Lateral Line Specific Mucin Involved in Cupula Growth and Vibration Detection in Zebrafish. International journal of molecular sciences, 26(2).

Michaelis P, et al. (2025) Leveraging Zebrafish Embryo Phenotypic Observations to Advance Data-Driven Analyses in Toxicology. *Environmental science & technology*, 59(9), 4304.

Wang JC, et al. (2025) Transforming growth factor- β -mediated regulation of *atoh1*-expressing neural progenitors is involved in the generation of cerebellar granule cells in larval and adult zebrafish. *Development, growth & differentiation*, 67(3), 149.

Lush ME, et al. (2025) Stem and progenitor cell proliferation are independently regulated by cell type-specific *cyclinD* genes. *Nature communications*, 16(1), 5913.

Zhang L, et al. (2025) Vitellogenin receptor mediates heat adaptability of oocyte development in mud crabs and zebrafish. *Nature communications*, 16(1), 3722.

Imai Y, et al. (2025) Real-time imaging of blood coagulation and angiogenesis during development in a zebrafish model of type I antithrombin deficiency. *Scientific reports*, 15(1), 18538.

Collins EMD, et al. (2025) Characterization of Transgenic Lines Labeling Reticulospinal Neurons in Larval Zebrafish. *eNeuro*, 12(5).

Sandler JE, et al. (2025) *prdm1a* drives a fate switch between hair cells of different mechanosensory organs. *Nature communications*, 16(1), 7662.

Chahal G, et al. (2025) Epigenomics and transcriptomics profiles of developing zebrafish heart cells. *Scientific data*, 12(1), 1620.

Armbruster D, et al. (2025) Dopaminergic Neurons in the Zebrafish Subpallium Belong to the Extended Medial Amygdala. *The Journal of comparative neurology*, 533(8), e70079.

Lopez A, et al. (2025) Carbonic anhydrase inhibition ameliorates tau toxicity via enhanced tau secretion. *Nature chemical biology*, 21(4), 577.

Rodríguez-Ramírez CE, et al. (2025) Molecular mechanisms of *Eda*-mediated adaptation to freshwater in threespine stickleback. *Molecular ecology*, 34(15), e16989.

Laverde V, et al. (2025) The zebrafish ETS transcription factor *Fli1b* functions upstream of *Scf/Tal1* during embryonic hematopoiesis. *Biology open*, 14(4).

Kwon EJ, et al. (2025) Deciphering the toxic effects of polystyrene nanoparticles on erythropoiesis at single-cell resolution. *Zoological research*, 46(1), 165.

Marchese M, et al. (2025) *CLN5* deficiency impairs glucose uptake and uncovers PHGDH as a potential biomarker in Batten disease. *Molecular psychiatry*, 30(10), 4591.

Russell A, et al. (2025) *Fhod3* in zebrafish supports myofibril stability during growth of embryonic skeletal muscle. *bioRxiv : the preprint server for biology*.