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

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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: data or information resource, database

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

Funding: NHGRI P41 HG002659;
NHGRI R01 HG004834

Availability: Restricted

Resource Name: Zebrafish Information Network (ZFIN)

Resource ID: SCR_002560

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

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License URLs:
https://zfin.atlassian.net/wiki/spaces/general/pages/1942160112/WARRANTY+AND+LIABILITY+DISCL

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250424T064559+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 841 mentions in open access literature.

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

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).

Basmenj ER, et al. (2025) Computational epitope-based vaccine design with bioinformatics approach; a review. Heliyon, 11(1), e41714.

Debaenst S, et al. (2025) Crispant analysis in zebrafish as a tool for rapid functional

screening of disease-causing genes for bone fragility. eLife, 13.

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).

Wilson CA, et al. (2024) Direct male development in chromosomally ZZ zebrafish. Frontiers in cell and developmental biology, 12, 1362228.

Hiraki-Kajiyama T, et al. (2024) An atlas and database of neuropeptide gene expression in the adult zebrafish forebrain. The Journal of comparative neurology, 532(6), e25619.

Gil Rosas M, et al. (2024) The transcription of the main gene associated with Treacher-Collins syndrome (TCOF1) is regulated by G-quadruplexes and cellular nucleic acid binding protein (CNBP). Scientific reports, 14(1), 7472.

Fishman L, et al. (2024) Cell-type-specific mRNA transcription and degradation kinetics in zebrafish embryogenesis from metabolically labeled single-cell RNA-seq. Nature communications, 15(1), 3104.

Soto-Dávila M, et al. (2024) The effects of Pediococcus acidilactici MA18/5M on growth performance, gut integrity, and immune response using in vitro and in vivo Pacific salmonid models. Frontiers in immunology, 15, 1306458.

Juliana CA, et al. (2024) Characterization of the zebrafish as a model of ATP-sensitive potassium channel hyperinsulinism. BMJ open diabetes research & care, 12(2).

Elbassiouny AA, et al. (2024) Evolution of a novel regulatory mechanism of hypoxia inducible factor in hypoxia-tolerant electric fishes. The Journal of biological chemistry, 300(3), 105727.

Grepper D, et al. (2024) BCL2L13 at endoplasmic reticulum-mitochondria contact sites regulates calcium homeostasis to maintain skeletal muscle function. iScience, 27(8), 110510.

Park JW, et al. (2024) RFC2 may contribute to the pathogenicity of Williams syndrome revealed in a zebrafish model. Journal of genetics and genomics = Yi chuan xue bao, 51(12), 1389.

Confino S, et al. (2024) A deleterious variant of INTS1 leads to disrupted sleep-wake cycles. Disease models & mechanisms, 17(8).

Mustary UH, et al. (2024) Membrane progesterone receptor ? (paqr5b) is essential for the formation of neurons in the zebrafish olfactory rosette. Scientific reports, 14(1), 24354.

Dalle Carbonare L, et al. (2024) Modeling Musculoskeletal Disorders in Zebrafish: Advancements in Muscle and Bone Research. Cells, 14(1).

Moulistanos A, et al. (2024) Genomic Signatures of Domestication in European Seabass (Dicentrarchus labrax L.) Reveal a Potential Role for Epigenetic Regulation in Adaptation to Captivity. Ecology and evolution, 14(12), e70512.

Pawlowska R, et al. (2024) Double-modified, thio and methylene ATP analogue facilitates wound healing in vitro and in vivo. Scientific reports, 14(1), 13148.

van den Biggelaar RHGA, et al. (2024) Identification of kinase modulators as host-directed therapeutics against intracellular methicillin-resistant Staphylococcus aureus. Frontiers in cellular and infection microbiology, 14, 1367938.

Zancolli G, et al. (2024) Web of venom: exploration of big data resources in animal toxin research. GigaScience, 13.