

Resource Summary Report

Generated by NIF on Aug 3, 2026

AB

RRID:ZIRC_ZL1

Type: Organism

Proper Citation

RRID:ZIRC_ZL1

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1

Proper Citation: RRID:ZIRC_ZL1

Description: Danio rerio with name from ZIRC.

Species: Danio rerio

Notes: wild-type

Affected Gene: AB

Catalog Number: ZL1

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos, adults

Organism Name: AB

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260801T182259+0000

Ratings and Alerts

No rating or validation information has been found for AB.

No alerts have been found for AB.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 271 mentions in open access literature.

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

Zenki KC, et al. (2026) Memantine Confers Multi-Target Protection in a Zebrafish Seizure Model: Attenuating Epileptic Behavior, GluN2A Overexpression, and Oxidative Stress. *Journal of neurochemistry*, 170(1), e70345.

Godden AM, et al. (2025) Environmentally induced variation in sperm sRNAs is linked to gene expression and transposable elements in zebrafish offspring. *Heredity*, 134(3-4), 234.

Leach LL, et al. (2025) Macrophage/microglia-dependent mechanisms drive retinal pigment epithelium regeneration in zebrafish. *Cell reports*, 44(10), 116325.

Oyarbide U, et al. (2025) Reduced EIF6 dosage attenuates TP53 activation in models of Shwachman-Diamond syndrome. *The Journal of clinical investigation*, 135(8).

Kondrychyn I, et al. (2025) Combined forces of hydrostatic pressure and actin polymerization drive endothelial tip cell migration and sprouting angiogenesis. *eLife*, 13.

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

Cohen-Krais J, et al. (2025) The Zebrafish Sperm Proteome. *Proteomics*, 25(4), e202400310.

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.

Rieser NN, et al. (2025) Multifaceted role of galanin in brain excitability. *eLife*, 13.

Costes F, et al. (2025) Modeling *Pseudomonas aeruginosa*-*Staphylococcus aureus* interactions in zebrafish to assess the host inflammatory response upon co-infection. *Scientific reports*, 15(1), 23965.

Mitchell DV, et al. (2025) *ndufs2*^{-/-} zebrafish have impaired survival, neuromuscular activity, morphology, and one-carbon metabolism treatable with folic acid. *bioRxiv* : the preprint server for biology.

Burg L, et al. (2025) Zagociguat prevented stressor-induced neuromuscular dysfunction, improved mitochondrial physiology, and increased exercise capacity in diverse mitochondrial respiratory chain disease zebrafish models. *Frontiers in pharmacology*, 16, 1588426.

Chaix A, et al. (2025) Efficient PFAS Removal Using Reusable and Non-Toxic 3D Printed Porous Trianglamine Hydrogels. *Advanced materials* (Deerfield Beach, Fla.), 37(3), e2410720.

Ter Horst S, et al. (2025) The Dissemination of Rift Valley Fever Virus to the Eye and Sensory Neurons of Zebrafish Larvae Is Stat1-Dependent. *Viruses*, 17(1).

Martin A, et al. (2025) Feasibility of IR-MALDESI Mass Spectrometry Imaging of PFAS. *Journal of mass spectrometry : JMS*, 60(2), e5112.

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

Raterman ST, et al. (2025) foxe1 mutant zebrafish show indications of a hypothyroid phenotype and increased sensitivity to ethanol for craniofacial malformations. *Developmental dynamics : an official publication of the American Association of Anatomists*, 254(3), 240.

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

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

Oyarbide U, et al. (2025) Tafazzin-Deficient Zebrafish Display Mitochondrial Dysfunction, Neutropenia, and Metabolic Defects Without Myopathy. *Research square*.