

# Resource Summary Report

Generated by NIF on Aug 5, 2026

## AB

RRID:ZIRC\_ZL1

Type: Organism

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### Proper Citation

RRID:ZIRC\_ZL1

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### Organism Information

**URL:**

[http://zebrafish.org/fish/lineAll.php?t=ZIRC\\_Catalog\\_ID&sverb=exactly+matching&c=ZL1](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

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### Ratings and Alerts

No rating or validation information has been found for AB.

No alerts have been found for AB.

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### Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Zebrafish Lines at ZIRC

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## 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.

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

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

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.

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.

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).

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.

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

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*.

Malleret C, et al. (2025) Mutation of Brain Aromatase Impairs Behavior and Neuroplasticity in Adult Zebrafish. *Journal of neurochemistry*, 169(8), e70202.

Piekniowska A, et al. (2025) Do organisms need an impact factor? Citations of key biological resources including model organisms reveal usage patterns and impact. *PloS one*, 20(8), e0327344.