

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

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: 20250420T004746+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 210 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Hajjar H, et al. (2024) Contribution of intramacrophage stages to *Pseudomonas aeruginosa* infection outcome in zebrafish embryos: insights from mgtC and oprF mutants. *Scientific reports*, 14(1), 6297.

Schmandt B, et al. (2024) Environmentally Relevant Concentrations of Triphenyl Phosphate (TPHP) Impact Development in Zebrafish. *Toxics*, 12(5).

McNamara HM, et al. (2024) Optogenetic control of Nodal signaling patterns. *bioRxiv : the preprint server for biology*.

Pedroni A, et al. (2024) Decoding the molecular, cellular, and functional heterogeneity of zebrafish intracardiac nervous system. *Nature communications*, 15(1), 10483.

Maktabi B, et al. (2024) Zebrafish as a Model for Multiple Sclerosis. *Biomedicines*, 12(10).

Bustad E, et al. (2024) In vivo screening for toxicity-modulating drug interactions identifies antagonism that protects against ototoxicity in zebrafish. *Frontiers in pharmacology*, 15, 1363545.

Bitsikas V, et al. (2024) A vertebrate family without a functional Hypocretin/Orexin arousal system. *Current biology : CB*.

Jones RA, et al. (2024) Zebrafish reveal new roles for Fam83f in hatching and the DNA damage-mediated autophagic response. *Open biology*, 14(10), 240194.

Nys N, et al. (2024) Apela promotes blood vessel regeneration and remodeling in zebrafish. *Scientific reports*, 14(1), 3718.

Pietsch C, et al. (2024) Multiple faces of stress in the zebrafish (*Danio rerio*) brain. *Frontiers in physiology*, 15, 1373234.

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.

Fister AM, et al. (2024) Damage-induced basal epithelial cell migration modulates the spatial organization of redox signaling and sensory neuron regeneration. *eLife*, 13.

Shen S, et al. (2024) Infection induced inflammation impairs wound healing through IL-1 β signaling. *iScience*, 27(4), 109532.

Tsoi B, et al. (2024) Acceleration of Ethanol Metabolism by a Patented *Bos taurus* Isolated Alcohol Degradation Protein (ADP) on Acute Alcohol Consumption. *Foods (Basel, Switzerland)*, 13(19).

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

Pedroni A, et al. (2024) Neuroprotective gap-junction-mediated bystander transformations in the adult zebrafish spinal cord after injury. *Nature communications*, 15(1), 4331.

Lints R, et al. (2024) Mutational cooperativity of RUNX1::RUNX1T1 isoform 9a and oncogenic NRAS in zebrafish myeloid leukaemia. *Biology open*, 13(9).

Chandran S, et al. (2024) Utilizing Zebrafish Embryos for Replication of Tulane Virus: A Human Norovirus Surrogate. *Food and environmental virology*, 16(4), 470.

Spikol ED, et al. (2024) Genetically defined nucleus incertus neurons differ in connectivity and function. *eLife*, 12.