

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

sd2Tg/+ (AB)

RRID:ZIRC_ZL1264

Type: Organism

Proper Citation

RRID:ZIRC_ZL1264

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1264

Proper Citation: RRID:ZIRC_ZL1264

Description: Danio rerio with name Tg(gata1a:DsRed) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: sd2Tg/+ (AB)

Genomic Alteration: sd2Tg

Catalog Number: ZL1264

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: sd2Tg/+ (AB)

Record Creation Time: 20230308T015227+0000

Record Last Update: 20260725T182849+0000

Ratings and Alerts

No rating or validation information has been found for sd2Tg/+ (AB).

No alerts have been found for sd2Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Liu M, et al. (2025) Mcm5 mutation leads to silencing of Stat1-bcl2 which accelerating apoptosis of immature T lymphocytes with DNA damage. Cell death & disease, 16(1), 84.

Deng Z, et al. (2025) Prpf4 sequentially regulates the expansion and maturation of erythrocyte through distinct mechanisms. Cell death discovery, 11(1), 555.

Chen C, et al. (2025) G protein-coupled receptor GPR182 negatively regulates sprouting angiogenesis via modulating CXCL12-CXCR4 axis signaling. Angiogenesis, 28(3), 25.

Yiqin W, et al. (2025) Tead1a Initiates Transcriptional Priming Through the TEAD1a/YAP-Notch1-Spi1/Cebp β Axis to Promote Neutrophil Fate. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(41), e05441.

Wang X, et al. (2025) Wdr5-mediated H3K4 methylation facilitates HSPC development via maintenance of genomic stability in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 122(12), e2420534122.

Sartori S, et al. (2025) Zebrafish model reveals developmental and hematopoietic functions of ADAMTS13. Biology open, 14(10).

Han X, et al. (2024) Creg1 Regulates Erythroid Development via TGF- β /Smad2-Klf1 Axis in Zebrafish. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(33), e2402804.

Mao A, et al. (2023) Sclerotome-derived PDGF signaling functions as a niche cue responsible for primitive erythropoiesis. Development (Cambridge, England), 150(22).

Röss H, et al. (2023) Transluminal Pillars-Their Origin and Role in the Remodelling of the Zebrafish Caudal Vein Plexus. International journal of molecular sciences, 24(23).

Maung Ye SS, et al. (2023) A cell-and-plasma numerical model reveals hemodynamic stress and flow adaptation in zebrafish microvessels after morphological alteration. PLoS computational biology, 19(12), e1011665.

Salem V, et al. (2019) Leader β -cells coordinate Ca²⁺ dynamics across pancreatic islets in vivo. Nature metabolism, 1(6), 615.