

Resource Summary Report

Generated by [Kravitz](#) on Sep 8, 2026

s843Tg/+ (AB)

RRID:ZIRC_ZL1197

Type: Organism

Proper Citation

RRID:ZIRC_ZL1197

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1197

Proper Citation: RRID:ZIRC_ZL1197

Description: Danio rerio with name Tg(kdrl:EGFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: s843Tg/+ (AB)

Genomic Alteration: s843Tg

Catalog Number: ZL1197

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: frozen

Organism Name: s843Tg/+ (AB)

Record Creation Time: 20230308T015226+0000

Record Last Update: 20260905T125058+0000

Ratings and Alerts

No rating or validation information has been found for s843Tg/+ (AB).

No alerts have been found for s843Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Alter CL, et al. (2025) Nano Plasma Membrane Vesicle-Lipid Nanoparticle Hybrids for Enhanced Gene Delivery and Expression. *Advanced healthcare materials*, 14(1), e2401888.

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

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

Liu TT, et al. (2025) NMDA receptors coordinate brain vascular development via neuron-to-endothelial tip cell crosstalk in zebrafish. *Nature communications*, 16(1), 10856.

Lin SJ, et al. (2025) Optimizing gRNA selection for high-penetrance F0 CRISPR screening for interrogating disease gene function. *Nucleic acids research*, 53(5).

Gui N, et al. (2025) Chemokine induces phase transition from non-directional to directional migration during angiogenesis. *Cell structure and function*, 50(1), 91.

Hiepen C, et al. (2025) Endothelial tip-cell position, filopodia formation and biomechanics require BMP2 expression and signaling. *Communications biology*, 8(1), 21.

Chen Y, et al. (2024) Rapid, high-contrast, and steady volumetric imaging with Bessel-beam-based two-photon fluorescence microscopy. *Journal of biomedical optics*, 29(1), 016501.

Ramli AH, et al. (2024) Preliminary insight on diarylpentanoids as potential antimalarials: In silico, in vitro pLDH and in vivo zebrafish toxicity assessment. *Heliyon*, 10(5), e27462.

Torcq L, et al. (2024) Tuning apicobasal polarity and junctional recycling in the hemogenic endothelium orchestrates the morphodynamic complexity of emerging pre-hematopoietic stem cells. *eLife*, 12.

Hao L, et al. (2024) Somatic PDGFRB activating variants promote smooth muscle cell phenotype modulation in intracranial fusiform aneurysm. *Journal of biomedical science*, 31(1), 51.

N??th J, et al. (2024) Analysis of vascular disruption in zebrafish embryos as an endpoint to predict developmental toxicity. Archives of toxicology, 98(2), 537.

Li Y, et al. (2023) The RNA-binding protein CSDE1 promotes hematopoietic stem and progenitor cell generation via translational control of Wnt signaling. Development (Cambridge, England), 150(21).

Reinhardt F, et al. (2023) DanioCTC: Analysis of Circulating Tumor Cells from Metastatic Breast Cancer Patients in Zebrafish Xenografts. Cancers, 15(22).