

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

mi2001Tg/+ (AB)

RRID:ZIRC_ZL1070

Type: Organism

Proper Citation

RRID:ZIRC_ZL1070

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1070

Proper Citation: RRID:ZIRC_ZL1070

Description: Danio rerio with name Tg(gfap:GFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: mi2001Tg/+ (AB)

Genomic Alteration: mi2001Tg

Catalog Number: ZL1070

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos

Organism Name: mi2001Tg/+ (AB)

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260815T174349+0000

Ratings and Alerts

No rating or validation information has been found for mi2001Tg/+ (AB).

No alerts have been found for mi2001Tg/+ (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 [dkNET](#).

Menard R, et al. (2026) Zebrafish genetic model of neuromuscular degeneration associated with Atrogin-1 expression. PLoS genetics, 22(1), e1012019.

Bellitto D, et al. (2025) A multi-omics approach reveals impaired lipid metabolism and oxidative stress in a zebrafish model of Alexander disease. Redox biology, 81, 103544.

Abdel-Hamid MS, et al. (2025) Biallelic variants in GTF3C3 encoding a subunit of the TFIIC2 complex are associated with neurodevelopmental phenotypes in humans and zebrafish. Brain communications, 7(1), fcaf055.

Mitic N, et al. (2024) Dissecting the spatiotemporal diversity of adult neural stem cells. Molecular systems biology, 20(4), 321.

Krylov A, et al. (2023) Heterogeneity in quiescent Müller glia in the uninjured zebrafish retina drive differential responses following photoreceptor ablation. Frontiers in molecular neuroscience, 16, 1087136.

Hutto RA, et al. (2023) Cone photoreceptors transfer damaged mitochondria to Müller glia. Cell reports, 42(2), 112115.

Stulberg J, et al. (2022) In Situ Quantification and Isolation of Müller Glial Cells by Fluorescence-Activated Cell Sorting from the Regenerating Larval Zebrafish Retina. Methods in molecular biology (Clifton, N.J.), 2429, 345.

Titilii-Torres KF, et al. (2022) Embryonic hyperglycemia perturbs the development of specific retinal cell types, including photoreceptors. Journal of cell science, 135(1).

Thiel WA, et al. (2022) Compensatory engulfment and Müller glia reactivity in the absence of microglia. Glia, 70(7), 1402.

Coomer CE, et al. (2020) Her9/Hes4 is required for retinal photoreceptor development, maintenance, and survival. Scientific reports, 10(1), 11316.

Hortopan GA, et al. (2011) Aberrant expression of genes necessary for neuronal development and Notch signaling in an epileptic mind bomb zebrafish. Developmental dynamics : an official publication of the American Association of Anatomists, 240(8), 1964.