Resource Summary Report

Generated by RRID on Aug 22, 2026

Tol2-elavl3-H2B-GCaMP6s

RRID:Addgene_59530
Type: Plasmid

Proper Citation

RRID:Addgene_59530

Plasmid Information

URL: http://www.addgene.org/59530

Proper Citation: RRID:Addgene_59530

Insert Name: elavl3 promoter

Organism: Danio rerio

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25068736

Vector Backbone Description: Vector Backbone:MiniTol2; Vector Types:Transposable element; Bacterial Resistance:Ampicillin

Comments: Addgene NGS QC analysis identified multiple variants in the HuC promoter sequence.

Plasmid Name: Tol2-elavl3-H2B-GCaMP6s

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081723+0000

Ratings and Alerts

No rating or validation information has been found for Tol2-elavl3-H2B-GCaMP6s.

No alerts have been found for Tol2-elavl3-H2B-GCaMP6s.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Biswas S, et al. (2026) Canalization of neural dynamics by ?-protocadherins in the developing zebrafish optic tectum. PLoS genetics, 22(6), e1012171.

Arinel M, et al. (2026) Gut distension evokes rapid neural dynamics in vagal and hindbrain populations of larval zebrafish. iScience, 29(6), 116206.

Putti E, et al. (2026) Lrrn-mediated retinal ganglion cell targeting drives visual circuit assembly for brightness and contrast detection. Science advances, 12(4), eadz4585.

Mancienne T, et al. (2026) Visual Threat Location Impacts Brain-Wide Visual Adaptation Networks. The Journal of comparative neurology, 534(7), e70182.

Biswas S, et al. (2025) Canalization of circuit assembly by ?-protocadherins in the zebrafish optic tectum. bioRxiv : the preprint server for biology.

Fornetto C, et al. (2025) Zebrafish use spectral information to suppress the visual background. Cell, 188(26), 7512.

Pan YK, et al. (2024) Developing zebrafish utilize taste-signaling pathways for oxygen chemoreception. Current biology : CB, 34(18), 4272.

Kaneko T, et al. (2024) Position-independent functional refinement within the vagus motor topographic map. Cell reports, 43(10), 114740.

Kolb J, et al. (2023) Small leucine-rich proteoglycans inhibit CNS regeneration by modifying the structural and mechanical properties of the lesion environment. Nature communications, 14(1), 6814.

Rajan G, et al. (2022) Evolutionary divergence of locomotion in two related vertebrate species. Cell reports, 38(13), 110585.

Tsata V, et al. (2021) A switch in pdgfrb+ cell-derived ECM composition prevents inhibitory scarring and promotes axon regeneration in the zebrafish spinal cord. Developmental cell, 56(4), 509.

Zarowny L, et al. (2020) Bright and High-Performance Genetically Encoded Ca2+ Indicator Based on mNeonGreen Fluorescent Protein. ACS sensors, 5(7), 1959.

Müllenbroich MC, et al. (2018) Bessel Beam Illumination Reduces Random and Systematic Errors in Quantitative Functional Studies Using Light-Sheet Microscopy. Frontiers in cellular neuroscience, 12, 315.

Garcia MI, et al. (2017) Functionally redundant control of cardiac hypertrophic signaling by inositol 1,4,5-trisphosphate receptors. Journal of molecular and cellular cardiology, 112, 95.