Resource Summary Report

Generated by RRID on Jul 28, 2026

w[*]; P{w[+mC]=ppk-GAL4.G}3

RRID:BDSC_32079
Type: Organism

Proper Citation

RRID:BDSC_32079

Organism Information

URL: https://n2t.net/bdsc:32079

Proper Citation: RRID:BDSC_32079

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=ppk-GAL4.G}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Paul Adler, University of Virginia

Affected Gene: GAL4, ppk, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32079

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32079, BL32079

Organism Name: w[*]; P{w[+mC]=ppk-GAL4.G}3

Record Creation Time: 20240911T222529+0000

Record Last Update: 20260725T195246+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=ppk-GAL4.G}3.

No alerts have been found for w[*]; P{w[+mC]=ppk-GAL4.G}3.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Sridharan S, et al. (2026) ILP4 and InR regulate paclitaxel-induced hypersensitivity differently in Drosophila larvae. Molecular biology of the cell, 37(1), ar11.

Tenedini FM, et al. (2025) Inflammatory cytokine upd3 induces axon length-dependent synapse removal by glia. Proceedings of the National Academy of Sciences of the United States of America, 122(21), e2422752122.

Patel AA, et al. (2025) Neural substrates of cold nociception in Drosophila larva. eLife, 12.

Gualtieri C, et al. (2025) Visualization of Synapses in Larval Stages of Drosophila melanogaster Using the GRASP Technique. Methods in molecular biology (Clifton, N.J.), 2910, 253.

Mora N, et al. (2025) Glycyl-tRNA sequestration is a unifying mechanism underlying GARS1-associated peripheral neuropathy. Nucleic acids research, 53(6).

Miao H, et al. (2025) Electrical silencing of dendritic arborization neurons rescues toxic polyglutamine-induced locomotion defect. Fly, 19(1), 2519687.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in Drosophila. Development (Cambridge, England), 152(9).

Yoshino J, et al. (2025) Heat-off responses of epidermal cells sensitize Drosophila larvae to noxious inputs. bioRxiv : the preprint server for biology.

Yoshino J, et al. (2025) Drosophila epidermal cells are intrinsically mechanosensitive and modulate nociceptive behavioral outputs. eLife, 13.

Tsao WC, et al. (2025) Splicing factor Sf3b1 facilitates maintenance of neuronal dendrites by modulating mitochondrial health. Cellular and molecular life sciences : CMLS, 82(1), 347.

Vicidomini R, et al. (2024) Versatile nanobody-based approach to image, track and reconstitute functional Neurexin-1 in vivo. Nature communications, 15(1), 6068.

Lancaster CL, et al. (2024) The RNA-binding protein Nab2 regulates levels of the RhoGEF Trio to govern axon and dendrite morphology. Molecular biology of the cell, 35(8), ar109.

Rankin AE, et al. (2024) Simplified homology-assisted CRISPR for gene editing in Drosophila. G3 (Bethesda, Md.), 14(2).

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in Drosophila larvae. PLoS genetics, 20(4), e1011237.

Kim SM, et al. (2024) Rab11 suppresses neuronal stress signaling by localizing dual leucine zipper kinase to axon terminals for protein turnover. eLife, 13.

Kanaoka Y, et al. (2023) Inter-organ Wingless/Ror/Akt signaling regulates nutrient-dependent hyperarborization of somatosensory neurons. eLife, 12.

Patel AA, et al. (2023) Neural substrates of cold nociception in Drosophila larva. bioRxiv : the preprint server for biology.

Laturney M, et al. (2023) Mating activates neuroendocrine pathways signaling hunger in Drosophila females. eLife, 12.

Mitchell JW, et al. (2023) Coordination of Pickpocket ion channel delivery and dendrite growth in Drosophila sensory neurons. PLoS genetics, 19(11), e1011025.

Saunders HAJ, et al. (2022) Acetylated ??-tubulin K394 regulates microtubule stability to shape the growth of axon terminals. Current biology : CB, 32(3), 614.