

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) Drosophila epidermal cells are intrinsically mechanosensitive and modulate nociceptive behavioral outputs. *eLife*, 13.

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

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.

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.

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

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