

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

[w\[*\]; P{w\[+mC\]=ppk-GAL4.G}2](#)

RRID:BDSC_32078

Type: Organism

Proper Citation

RRID:BDSC_32078

Organism Information

URL: <https://n2t.net/bdsc:32078>

Proper Citation: RRID:BDSC_32078

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=ppk-GAL4.G}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating SM6a. Donor: Paul Adler, University of Virginia

Affected Gene: GAL4, ppk, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 32078

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32078, BDSC:32078, BL32078

Organism Name: w[*]; P{w[+mC]=ppk-GAL4.G}2

Record Creation Time: 20240911T222529+0000

Record Last Update: 20260912T203608+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=ppk-GAL4.G}2.

No alerts have been found for w[*]; P{w[+mC]=ppk-GAL4.G}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

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

Duan X, et al. (2026) Stabilized Ion Selectivity Corrects Activation Drift in Kalium Channelrhodopsins. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(6), e09180.

Taul AC, et al. (2025) The Effects of Overexpressing K2p Channels in Various Tissues on Physiology and Behaviors. *Insects*, 16(8).

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.

Song H, et al. (2025) PDH Inhibition in Drosophila Ameliorates Sensory Dysfunction Induced by Vincristine Treatment in the Chemotherapy-Induced Peripheral Neuropathy Models. *Biomedicines*, 13(4).

Jiang R, et al. (2025) Regulation of pre-dawn arousal in Drosophila by a pair of trissinergic descending neurons of the visual and circadian networks. *Current biology : CB*, 35(8), 1750.

Sung HH, et al. (2024) Galectins induced from hemocytes bridge phosphatidylserine and N-glycosylated Drpr/CED-1 receptor during dendrite pruning. *Nature communications*, 15(1), 7402.

Mukherjee A, et al. (2024) ??-TuRCs and the augmin complex are required for the development of highly branched dendritic arbors in Drosophila. *Journal of cell science*, 137(9).

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

Kang KH, et al. (2023) PINK1 and Parkin Ameliorate the Loss of Motor Activity and Mitochondrial Dysfunction Induced by Peripheral Neuropathy-Associated HSPB8 Mutants in Drosophila Models. *Biomedicines*, 11(3).

Prokhorenko MA, et al. (2023) Astrocyte store-operated calcium entry is required for centrally mediated neuropathic pain. *bioRxiv : the preprint server for biology*.

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

Mitchell JW, et al. (2023) Live Imaging of Golgi Outposts in *Drosophila* Dendritic Arbors. *Methods in molecular biology* (Clifton, N.J.), 2557, 635.

Li H, et al. (2022) Fringe-positive Golgi outposts unite temporal Furin 2 convertase activity and spatial Delta signal to promote dendritic branch retraction. *Cell reports*, 40(12), 111372.

Liu Z, et al. (2022) *Drosophila* mechanical nociceptors preferentially sense localized poking. *eLife*, 11.

Min S, et al. (2021) Control of feeding by Piezo-mediated gut mechanosensation in *Drosophila*. *eLife*, 10.

Basak R, et al. (2021) Focal laser stimulation of fly nociceptors activates distinct axonal and dendritic Ca²⁺ signals. *Biophysical journal*, 120(15), 3222.

Yang S, et al. (2021) PACmn for improved optogenetic control of intracellular cAMP. *BMC biology*, 19(1), 227.

Tamamouna V, et al. (2021) Remodelling of oxygen-transporting tracheoles drives intestinal regeneration and tumorigenesis in *Drosophila*. *Nature cell biology*, 23(5), 497.

Yoong LF, et al. (2020) Atypical Myosin Tunes Dendrite Arbor Subdivision. *Neuron*, 106(3), 452.