

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[w\[*\]; P{w\[+mC\]=iav-GAL4.K}3](#)

RRID:BDSC_52273

Type: Organism

Proper Citation

RRID:BDSC_52273

Organism Information

URL: <https://n2t.net/bdsc:52273>

Proper Citation: RRID:BDSC_52273

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

Species: Drosophila melanogaster

Notes: Donor: Craig Montell, University of California, Santa Barbara

Affected Gene: GAL4, iav, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 52273

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52273, BDSC:52273, BL52273

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

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260912T203930+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Mudunuri A, et al. (2026) Multimodal social context modulates larval behavior in Drosophila. Science advances, 12(5), eady0750.

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

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

Yamakoshi H, et al. (2025) Mating status-dependent dopaminergic modulation of auditory sensory neurons in Drosophila. iScience, 28(9), 113232.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in Drosophila. Communications biology, 8(1), 765.

Lowe SA, et al. (2024) Modulation of a critical period for motor development in Drosophila by BK potassium channels. Current biology : CB, 34(15), 3488.

Hunter I, et al. (2024) Balance of activity during a critical period tunes a developing network. eLife, 12.

Menzies JAC, et al. (2024) A microRNA that controls the emergence of embryonic movement. eLife, 13.

Godesberg V, et al. (2024) Natural variability and individuality of walking behavior in Drosophila. The Journal of experimental biology, 227(22).

Pratt BG, et al. (2024) Miniature linear and split-belt treadmills reveal mechanisms of adaptive motor control in walking Drosophila. Current biology : CB, 34(19), 4368.

Yu J, et al. (2023) A dedicate sensorimotor circuit enables fine texture discrimination by active touch. PLoS genetics, 19(1), e1010562.

Pan G, et al. (2023) Cross-modal modulation gates nociceptive inputs in Drosophila. Current biology : CB, 33(7), 1372.

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

Yamanouchi HM, et al. (2023) Piezo-mediated mechanosensation contributes to stabilizing copulation posture and reproductive success in *Drosophila* males. iScience, 26(5), 106617.

Dallmann CJ, et al. (2023) Presynaptic inhibition selectively suppresses leg proprioception in behaving *Drosophila*. bioRxiv : the preprint server for biology.

Qiao X, et al. (2022) An insecticide target in mechanoreceptor neurons. Science advances, 8(47), eabq3132.

El-Kholy SE, et al. (2022) Octopamine signaling via Oct β R is essential for a well-orchestrated climbing performance of adult *Drosophila melanogaster*. Scientific reports, 12(1), 14024.

Carreira-Rosario A, et al. (2021) Mechanosensory input during circuit formation shapes *Drosophila* motor behavior through patterned spontaneous network activity. Current biology : CB, 31(23), 5341.

Klann M, et al. (2021) MicroRNA-Dependent Control of Sensory Neuron Function Regulates Posture Behavior in *Drosophila*. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(40), 8297.

Zur Lage P, et al. (2021) The *Drosophila* orthologue of the primary ciliary dyskinesia-associated gene, DNAAF3, is required for axonemal dynein assembly. Biology open, 10(10).