

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 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, BL52273

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

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260725T195552+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 29 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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

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

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

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

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

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

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.

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.

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.

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

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

El-Kholy SE, et al. (2022) Octopamine signaling via Oct¹R is essential for a well-orchestrated climbing performance of adult *Drosophila melanogaster*. *Scientific reports*, 12(1), 14024.

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).

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.

Gowda SBM, et al. (2021) Anatomy and Neural Pathways Modulating Distinct Locomotor Behaviors in *Drosophila* Larva. *Biology*, 10(2).

Phelps JS, et al. (2021) Reconstruction of motor control circuits in adult *Drosophila* using automated transmission electron microscopy. *Cell*, 184(3), 759.

Valdes-Aleman J, et al. (2021) Comparative Connectomics Reveals How Partner Identity, Location, and Activity Specify Synaptic Connectivity in *Drosophila*. *Neuron*, 109(1), 105.