Resource Summary Report

Generated by kravitz2 on Sep 7, 2026

w[*]; P{w[+mC]=nan-GAL4.K}2

RRID:BDSC_24903
Type: Organism

Proper Citation

RRID:BDSC_24903

Organism Information

URL: https://n2t.net/bdsc:24903

Proper Citation: RRID:BDSC_24903

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

Species: Drosophila melanogaster

Notes: May be segregating CyO and/or TM6B. Donor: Changsoo Kim, Chonnam National University

Affected Gene: GAL4, nan, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 24903

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24903, BDSC:24903, BL24903

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

Record Creation Time: 20240911T222421+0000

Record Last Update: 20260905T140144+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

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

Mills KM, et al. (2026) Multisensory integration for active mechanosensation in Drosophila flight. Current biology : CB, 36(1), 93.

Komarov N, et al. (2025) Food hardness preference reveals multisensory contributions of fly larval gustatory organs in behaviour and physiology. PLoS biology, 23(1), e3002730.

Mills KM, et al. (2025) Multisensory integration for active mechanosensation in Drosophila flight. bioRxiv : the preprint server for biology.

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

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

Zhang Y, et al. (2022) Function of Transient Receptor Potential-Like Channel in Insect Egg Laying. Frontiers in molecular neuroscience, 15, 823563.

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

Hsu JM, et al. (2021) Injury-Induced Inhibition of Bystander Neurons Requires dSarm and Signaling from Glia. Neuron, 109(3), 473.

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

McKelvey EGZ, et al. (2021) Drosophila females receive male substrate-borne signals through specific leg neurons during courtship. Current biology : CB, 31(17), 3894.

Öztürk-Çolak A, et al. (2020) Sleep Induction by Mechanosensory Stimulation in Drosophila. Cell reports, 33(9), 108462.

Zhang L, et al. (2020) Parallel Mechanosensory Pathways Direct Oviposition Decision-Making in Drosophila. Current biology : CB, 30(16), 3075.

Patella P, et al. (2018) Functional Maps of Mechanosensory Features in the Drosophila Brain. Current biology : CB, 28(8), 1189.

Rist A, et al. (2017) A map of sensilla and neurons in the taste system of drosophila larvae. The Journal of comparative neurology, 525(18), 3865.