

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 28, 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, BL24903

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

Record Creation Time: 20240911T222421+0000

Record Last Update: 20260725T195127+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 13 mentions in open access literature.

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

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.

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.

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

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.