

Resource Summary Report

Generated by [dkNET](#) on Aug 9, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}Cka\[c305a\]](#)

RRID:BDSC_30829

Type: Organism

Proper Citation

RRID:BDSC_30829

Organism Information

URL: <https://n2t.net/bdsc:30829>

Proper Citation: RRID:BDSC_30829

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}Cka[c305a] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Tai Min, Indiana University, Bloomington

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 30829

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30829, BL30829

Organism Name: w[*]; P{w[+mW.hs]=GawB}Cka[c305a]

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260808T194722+0000

Ratings and Alerts

No rating or validation information has been found for w[*];
P{w[+mW.hs]=GawB}Cka[c305a].

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}Cka[c305a].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Saldes EB, et al. (2025) Nighttime caffeine intake increases motor impulsivity. iScience, 28(8), 113197.

Kaldun JC, et al. (2025) A temporally restricted function of the dopamine receptor Dop1R2 during memory formation. eLife, 13.

Saldes EB, et al. (2025) Nighttime Caffeine Intake Increases Motor Impulsivity. bioRxiv : the preprint server for biology.

Peng D, et al. (2024) Large-language models facilitate discovery of the molecular signatures regulating sleep and activity. Nature communications, 15(1), 3685.

Rozenfeld E, et al. (2024) Neuronal circuit mechanisms of competitive interaction between action-based and coincidence learning. Science advances, 10(49), eadq3016.

Draper IR, et al. (2024) Drosophila noktochor regulates night sleep via a local mushroom body circuit. iScience, 27(3), 109106.

Lancaster CL, et al. (2024) The RNA-binding protein Nab2 regulates levels of the RhoGEF Trio to govern axon and dendrite morphology. Molecular biology of the cell, 35(8), ar109.

Delescluse J, et al. (2024) A LAT1-Like Amino Acid Transporter Regulates Neuronal Activity in the Drosophila Mushroom Bodies. Cells, 13(16).

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in Drosophila males. Current biology : CB, 33(10), 2034.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. PLoS biology, 21(10), e3002332.

Modi MN, et al. (2023) Flexible specificity of memory in *Drosophila* depends on a comparison between choices. *eLife*, 12.

Sabandal PR, et al. (2022) Acetylcholine deficit causes dysfunctional inhibitory control in an aging-dependent manner. *Scientific reports*, 12(1), 20903.

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in *Drosophila*. *Current biology : CB*, 32(5), 1131.

Grover D, et al. (2022) Differential mechanisms underlie trace and delay conditioning in *Drosophila*. *Nature*, 603(7900), 302.

Qiao J, et al. (2022) Input-timing-dependent plasticity at incoming synapses of the mushroom body facilitates olfactory learning in *Drosophila*. *Current biology : CB*, 32(22), 4869.

Manoim JE, et al. (2022) Lateral axonal modulation is required for stimulus-specific olfactory conditioning in *Drosophila*. *Current biology : CB*, 32(20), 4438.

Yatsenko AS, et al. (2021) Exocyst-mediated membrane trafficking of the lissencephaly-associated ECM receptor dystroglycan is required for proper brain compartmentalization. *eLife*, 10.

Hamid R, et al. (2021) Choline Transporter regulates olfactory habituation via a neuronal triad of excitatory, inhibitory and mushroom body neurons. *PLoS genetics*, 17(12), e1009938.

Hatch HAM, et al. (2021) A KDM5-Prospero transcriptional axis functions during early neurodevelopment to regulate mushroom body formation. *eLife*, 10.