

# Resource Summary Report

Generated by [NIF](#) on Sep 15, 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, BDSC:30829, BL30829

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

**Record Creation Time:** 20240911T222518+0000

**Record Last Update:** 20260912T203551+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].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

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

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

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

Salades 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.

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