

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 12, 2025

[y\[1\] w\[67c23\]; P{w\[+mW.hs\]=GawB}Hr39\[c739\]](#)

RRID:BDSC_7362

Type: Organism

Proper Citation

RRID:BDSC_7362

Organism Information

URL: <https://n2t.net/bdsc:7362>

Proper Citation: RRID:BDSC_7362

Description: Drosophila melanogaster with name y[1] w[67c23]; P{w[+mW.hs]=GawB}Hr39[c739] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jean-Maurice Dura, French Institute of Health and Medical Research

Affected Gene: GAL4, Hr39, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 7362

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:7362, BL7362

Organism Name: y[1] w[67c23]; P{w[+mW.hs]=GawB}Hr39[c739]

Record Creation Time: 20240911T222208+0000

Record Last Update: 20250420T054018+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[67c23]; P{w[+mW.hs]=GawB}Hr39[c739].

No alerts have been found for y[1] w[67c23]; P{w[+mW.hs]=GawB}Hr39[c739].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Gallois M, et al. (2024) Pri peptides temporally coordinate transcriptional programs during epidermal differentiation. *Science advances*, 10(6), eadg8816.

Pavlovsky A, et al. (2024) Spaced training activates Miro/Milton-dependent mitochondrial dynamics in neuronal axons to sustain long-term memory. *Current biology : CB*, 34(9), 1904.

Holvoet H, et al. (2023) Chlorogenic Acids, Acting via Calcineurin, Are the Main Compounds in Centella asiatica Extracts That Mediate Resilience to Chronic Stress in *Drosophila melanogaster*. *Nutrients*, 15(18).

Chen CC, et al. (2023) A subset of cholinergic mushroom body neurons blocks long-term memory formation in *Drosophila*. *Cell reports*, 42(8), 112974.

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

Nöbel S, et al. (2023) Mate copying requires the coincidence detector Rutabaga in the mushroom bodies of *Drosophila melanogaster*. *iScience*, 26(9), 107682.

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

Wilhelm N, et al. (2022) Dscam1 Has Diverse Neuron Type-Specific Functions in the Developing *Drosophila* CNS. *eNeuro*, 9(4).

Hermanns T, et al. (2022) Octopamine mediates sugar relief from a chronic-stress-induced depression-like state in *Drosophila*. *Current biology : CB*, 32(18), 4048.

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

Leinwand SG, et al. (2021) Juvenile hormone drives the maturation of spontaneous mushroom body neural activity and learned behavior. *Neuron*, 109(11), 1836.

Georganta EM, et al. (2021) Associative Learning Requires Neurofibromin to Modulate GABAergic Inputs to Drosophila Mushroom Bodies. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(24), 5274.

Machado Almeida P, et al. (2021) Neurofibromin 1 in mushroom body neurons mediates circadian wake drive through activating cAMP-PKA signaling. *Nature communications*, 12(1), 5758.

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.

Myers JL, et al. (2021) Mutants of the white ABCG Transporter in *Drosophila melanogaster* Have Deficient Olfactory Learning and Cholesterol Homeostasis. *International journal of molecular sciences*, 22(23).

Muria A, et al. (2021) Social facilitation of long-lasting memory is mediated by CO₂ in *Drosophila*. *Current biology : CB*, 31(10), 2065.

Sabandal JM, et al. (2020) Concerted Actions of Octopamine and Dopamine Receptors Drive Olfactory Learning. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(21), 4240.

Amin H, et al. (2020) Localized inhibition in the *Drosophila* mushroom body. *eLife*, 9.

Brown EB, et al. (2019) The Gene CG6767 Affects Olfactory Behavior in *Drosophila melanogaster*. *Behavior genetics*, 49(3), 317.

Miyashita T, et al. (2018) Long-Term Memory Engram Cells Are Established by c-Fos/CREB Transcriptional Cycling. *Cell reports*, 25(10), 2716.