

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}30Y](#)

RRID:BDSC_30818

Type: Organism

Proper Citation

RRID:BDSC_30818

Organism Information

URL: <https://n2t.net/bdsc:30818>

Proper Citation: RRID:BDSC_30818

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}30Y from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Tai Min, Indiana University, Bloomington

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30818

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30818, BL30818

Organism Name: w[*]; P{w[+mW.hs]=GawB}30Y

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260801T195055+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}30Y.

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}30Y.

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 [RRID](#) .

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in Drosophila. PLoS genetics, 21(7), e1011752.

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

Lv M, et al. (2024) An octopamine-specific GRAB sensor reveals a monoamine relay circuitry that boosts aversive learning. bioRxiv : the preprint server for biology.

Zeng J, et al. (2023) Local 5-HT signaling bi-directionally regulates the coincidence time window for associative learning. Neuron, 111(7), 1118.

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.

Jing M, et al. (2020) An optimized acetylcholine sensor for monitoring in vivo cholinergic activity. Nature methods, 17(11), 1139.

Ganguly A, et al. (2020) Serotonin receptor 5-HT7 in Drosophila mushroom body neurons mediates larval appetitive olfactory learning. Scientific reports, 10(1), 21267.

Tamberg L, et al. (2020) Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome. Disease models & mechanisms, 13(7).

Kim JH, et al. (2020) The voltage-gated potassium channel Shaker promotes sleep via thermosensitive GABA transmission. Communications biology, 3(1), 174.

Ki Y, et al. (2019) Sleep-promoting effects of threonine link amino acid metabolism in Drosophila neuron to GABAergic control of sleep drive. eLife, 8.

Petrucelli E, et al. (2018) Alcohol Activates Scabrous-Notch to Influence Associated Memories. Neuron, 100(5), 1209.

Sun F, et al. (2018) A Genetically Encoded Fluorescent Sensor Enables Rapid and Specific Detection of Dopamine in Flies, Fish, and Mice. Cell, 174(2), 481.

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