

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[y\[1\] w\[1\]; P{w\[+mW.hs\]=GawB}Mz19](#)

RRID:BDSC_34497

Type: Organism

Proper Citation

RRID:BDSC_34497

Organism Information

URL: <https://n2t.net/bdsc:34497>

Proper Citation: RRID:BDSC_34497

Description: Drosophila melanogaster with name y[1] w[1]; P{w[+mW.hs]=GawB}Mz19 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Liquin Luo & Joy Tea, Stanford University

Affected Gene: GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 34497

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34497, BL34497

Organism Name: y[1] w[1]; P{w[+mW.hs]=GawB}Mz19

Record Creation Time: 20240911T222553+0000

Record Last Update: 20260801T195138+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1];
P{w[+mW.hs]=GawB}Mz19.

No alerts have been found for y[1] w[1]; P{w[+mW.hs]=GawB}Mz19.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. bioRxiv : the preprint server for biology.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. Research square.

Dong KX, et al. (2025) Endosome-associated Rab GTPases control distinct aspects of neural circuit assembly. bioRxiv : the preprint server for biology.

Xu C, et al. (2024) Molecular and cellular mechanisms of teneurin signaling in synaptic partner matching. Cell, 187(18), 5081.

Mallick A, et al. (2024) Serotonin acts through multiple cellular targets during an olfactory critical period. iScience, 27(11), 111083.

Parisi MJ, et al. (2023) A conditional strategy for cell-type-specific labeling of endogenous excitatory synapses in Drosophila. Cell reports methods, 3(5), 100477.

Li T, et al. (2021) Cellular bases of olfactory circuit assembly revealed by systematic time-lapse imaging. Cell, 184(20), 5107.

Suzuki Y, et al. (2020) A Population of Interneurons Signals Changes in the Basal Concentration of Serotonin and Mediates Gain Control in the Drosophila Antennal Lobe. Current biology : CB, 30(6), 1110.

Frechter S, et al. (2019) Functional and anatomical specificity in a higher olfactory centre. eLife, 8.

Chu LA, et al. (2019) Rapid single-wavelength lightsheet localization microscopy for clarified tissue. Nature communications, 10(1), 4762.

Inada K, et al. (2017) Origins of Cell-Type-Specific Olfactory Processing in the Drosophila Mushroom Body Circuit. Neuron, 95(2), 357.

Li H, et al. (2017) Classifying Drosophila Olfactory Projection Neuron Subtypes by Single-Cell RNA Sequencing. *Cell*, 171(5), 1206.