

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[w\[*\]; P{w\[+mW.hs\]=GawB}c747](#)

RRID:BDSC_6494

Type: Organism

Proper Citation

RRID:BDSC_6494

Organism Information

URL: <https://n2t.net/bdsc:6494>

Proper Citation: RRID:BDSC_6494

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}c747 from BDSC.

Species: Drosophila melanogaster

Notes: Presence of w[*] is assumed. Donor: Cahir O'Kane, University of Cambridge;
Donor's Source: Kim Kaiser, University of Glasgow

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6494

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6494, BL6494

Organism Name: w[*]; P{w[+mW.hs]=GawB}c747

Record Creation Time: 20240911T222201+0000

Record Last Update: 20260829T185536+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}c747.

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}c747.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.

Cattaneo V, et al. (2020) Repeating or spacing learning sessions are strategies for memory improvement with shared molecular and neuronal components. Neurobiology of learning and memory, 172, 107233.

Phan A, et al. (2019) Stromalin Constrains Memory Acquisition by Developmentally Limiting Synaptic Vesicle Pool Size. Neuron, 101(1), 103.

Potdar S, et al. (2018) Wakefulness Is Promoted during Day Time by PDFR Signalling to Dopaminergic Neurons in Drosophila melanogaster. eNeuro, 5(4).