

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R13F02-p65.AD}attP40/CyO; P{y\[+t7.7\] w\[+mC\]=R45H04-GAL4.DBD}attP2](#)

RRID:BDSC_68292

Type: Organism

Proper Citation

RRID:BDSC_68292

Organism Information

URL: <https://n2t.net/bdsc:68292>

Proper Citation: RRID:BDSC_68292

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R45H04-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB009B, from Aso et al., 2014 (<https://doi.org/10.7554/eLife.04577>). Homozygotes may be present. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: p65(AD)::Zip+, Pde4, GAL4(DBD)::Zip-, robo3, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68292

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68292, BL68292

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R45H04-GAL4.DBD}attP2

Record Creation Time: 20240911T223038+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R45H04-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R45H04-GAL4.DBD}attP2.

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 [dkNET](#) .

Roussel P, et al. (2026) In vivo autofluorescence lifetime imaging of spatial metabolic heterogeneities and learning-induced changes in the Drosophila mushroom body. eLife, 14.

Wu H, et al. (2026) Profiling presynaptic scaffolds using split-GFP reconstitution reveals cell-type-specific spatial configurations in the fly brain. eLife, 14.

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

Saldes EB, et al. (2025) Nighttime Caffeine Intake Increases Motor Impulsivity. bioRxiv : the preprint server for biology.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within Drosophila mushroom body neurons. PLoS biology, 23(10), e3003449.

Rachad EY, et al. (2025) Functional dissection of a neuronal brain circuit mediating higher-order associative learning. Cell reports, 44(5), 115593.

Draper IR, et al. (2024) Drosophila noktochor regulates night sleep via a local mushroom body circuit. iScience, 27(3), 109106.

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

Grover D, et al. (2022) Differential mechanisms underlie trace and delay conditioning in Drosophila. Nature, 603(7900), 302.

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

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.

Sun Y, et al. (2020) Social attraction in *Drosophila* is regulated by the mushroom body and serotonergic system. *Nature communications*, 11(1), 5350.

Zhan YP, et al. (2016) Taotie neurons regulate appetite in *Drosophila*. *Nature communications*, 7, 13633.