

Resource Summary Report

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

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R13F02-p65.AD}attP40;
P{y\[+t7.7\] w\[+mC\]=R44E04-GAL4.DBD}attP2](#)

RRID:BDSC_68291

Type: Organism

Proper Citation

RRID:BDSC_68291

Organism Information

URL: <https://n2t.net/bdsc:68291>

Proper Citation: RRID:BDSC_68291

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40; P{y[+t7.7] w[+mC]=R44E04-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO and/or TM6B, Tb[1]. This is Janelia line MB008B, from Aso et al., 2014 (<https://doi.org/10.7554/eLife.04577>). Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

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

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68291

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68291, BL68291

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40; P{y[+t7.7] w[+mC]=R44E04-GAL4.DBD}attP2

Record Creation Time: 20240911T223038+0000

Record Last Update: 20260801T195810+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; P{y[+t7.7] w[+mC]=R44E04-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R13F02-p65.AD}attP40; P{y[+t7.7] w[+mC]=R44E04-GAL4.DBD}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

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

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.

Chung PC, et al. (2026) Genetic network shaping Kenyon cell identity and function in Drosophila mushroom bodies. eLife, 14.

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.

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

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

Wang CM, et al. (2023) Forgotten memory storage and retrieval in Drosophila. Nature communications, 14(1), 7153.

Weaver KJ, et al. (2023) Behavioral dissection of hunger states in Drosophila. eLife, 12.

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.

Treiber CD, et al. (2020) Transposon expression in the *Drosophila* brain is driven by neighboring genes and diversifies the neural transcriptome. *Genome research*, 30(11), 1559.

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

Cachero S, et al. (2020) BAcTrace, a tool for retrograde tracing of neuronal circuits in *Drosophila*. *Nature methods*, 17(12), 1254.

Croset V, et al. (2018) Cellular diversity in the *Drosophila* midbrain revealed by single-cell transcriptomics. *eLife*, 7.

Tsao CH, et al. (2018) *Drosophila* mushroom bodies integrate hunger and satiety signals to control innate food-seeking behavior. *eLife*, 7.

Pankova K, et al. (2017) Transgenic line for the identification of cholinergic release sites in *Drosophila melanogaster*. *The Journal of experimental biology*, 220(Pt 8), 1405.

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