

Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R30G08-p65.AD}attP40; P{y\[+t7.7\] w\[+mC\]=R48B03-GAL4.DBD}attP2](#)

RRID:BDSC_68251

Type: Organism

Proper Citation

RRID:BDSC_68251

Organism Information

URL: <https://n2t.net/bdsc:68251>

Proper Citation: RRID:BDSC_68251

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R30G08-p65.AD}attP40; P{y[+t7.7] w[+mC]=R48B03-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB441B, from Aso et al., 2014 (<https://doi.org/10.7554/eLife.04577>). May be segregating CyO. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: p65(AD)::Zip+, ple, beat-Ila, GAL4(DBD)::Zip-, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68251

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68251, BL68251

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R30G08-p65.AD}attP40; P{y[+t7.7] w[+mC]=R48B03-GAL4.DBD}attP2

Record Creation Time: 20240911T223038+0000

Record Last Update: 20260808T195351+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R30G08-p65.AD}attP40; P{y[+t7.7] w[+mC]=R48B03-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R30G08-p65.AD}attP40; P{y[+t7.7] w[+mC]=R48B03-GAL4.DBD}attP2.

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 [dkNET](#) .

Lee WP, et al. (2025) Dynamics of two distinct memory interactions during water seeking in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 122(16), e2422028122.

Lozada-Perdomo FV, et al. (2025) Dual roles of *Drosophila* reward-encoding dopamine neurons in regulating innate and learned behaviors. *iScience*, 28(11), 113817.

Çoban B, et al. (2024) The caloric value of food intake structurally adjusts a neuronal mushroom body circuit mediating olfactory learning in *Drosophila*. *Learning & memory* (Cold Spring Harbor, N.Y.), 31(5).

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in *Drosophila melanogaster*. *Nature communications*, 15(1), 10819.

Majcin Dorcikova M, et al. (2023) Circadian clock disruption promotes the degeneration of dopaminergic neurons in male *Drosophila*. *Nature communications*, 14(1), 5908.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. *Cell*, 186(7), 1382.

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

Mangione F, et al. (2023) Co-option of epidermal cells enables touch sensing. *Nature cell biology*, 25(4), 540.

Bornstein B, et al. (2021) Transneuronal Dpr12/DIP-? interactions facilitate compartmentalized dopaminergic innervation of *Drosophila* mushroom body axons. *The EMBO journal*, 40(12), e105763.

Zolin A, et al. (2021) Context-dependent representations of movement in *Drosophila* dopaminergic reinforcement pathways. *Nature neuroscience*, 24(11), 1555.

Jacob PF, et al. (2020) Spaced Training Forms Complementary Long-Term Memories of Opposite Valence in *Drosophila*. *Neuron*, 106(6), 977.

Rust K, et al. (2020) A single-cell atlas and lineage analysis of the adult *Drosophila* ovary. *Nature communications*, 11(1), 5628.