

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R82C10-p65.AD}attP40/CyO; P{y\[+t7.7\] w\[+mC\]=R26F01-GAL4.DBD}attP2](#)

RRID:BDSC_68367

Type: Organism

Proper Citation

RRID:BDSC_68367

Organism Information

URL: <https://n2t.net/bdsc:68367>

Proper Citation: RRID:BDSC_68367

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R82C10-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R26F01-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB304B, 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: Fur1, GAL4(DBD)::Zip-, Octbeta3R, p65(AD)::Zip+, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68367

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68367, BL68367

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R82C10-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R26F01-GAL4.DBD}attP2

Record Creation Time: 20240911T223039+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R82C10-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R26F01-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R82C10-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R26F01-GAL4.DBD}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Lee PS, et al. (2025) Systematic analysis of mushroom body-innervating dopaminergic neuron activity in different physiological states in Drosophila. Biomedical journal, 100907.

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

Ullah H, et al. (2025) A distinct neural ensemble to integrate contradictory information and form long-term memory in Drosophila. Science advances, 11(33), eadv2441.

Rozenfeld E, et al. (2024) Neuronal circuit mechanisms of competitive interaction between action-based and coincidence learning. Science advances, 10(49), eadq3016.

Coleman CR, et al. (2024) Natural variation in age-related dopamine neuron degeneration is glutathione dependent and linked to life span. Proceedings of the National Academy of Sciences of the United States of America, 121(42), e2403450121.

Sharma A, et al. (2020) Modulation of flight and feeding behaviours requires presynaptic IP3Rs in dopaminergic neurons. eLife, 9.