

Resource Summary Report

Generated by [dkNET](#) on Aug 13, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R19B03-p65.AD}attP40;
P{y\[+t7.7\] w\[+mC\]=R39A11-GAL4.DBD}attP2](#)

RRID:BDSC_68256

Type: Organism

Proper Citation

RRID:BDSC_68256

Organism Information

URL: <https://n2t.net/bdsc:68256>

Proper Citation: RRID:BDSC_68256

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R19B03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R39A11-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB607B from Aso et al., 2014 [FBrf0227179]. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Dr, p65(AD)::Zip+, GAL4(DBD)::Zip-, nompC, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68256

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68256, BL68256

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R19B03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R39A11-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]=R19B03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R39A11-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R19B03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R39A11-GAL4.DBD}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 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.

Mou Y, et al. (2025) Intermittent Vibration Induces Sleep via an Allatostatin A-GABA Signaling Pathway and Provides Broad Benefits in Alzheimer's Disease Models. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2411768.

Thornton-Kolbe EM, et al. (2025) Spatial constraints and cell surface molecule depletion structure a randomly connected learning circuit. Current biology : CB, 35(13), 3191.

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

Thornton-Kolbe EM, et al. (2024) Spatial constraints and cell surface molecule depletion structure a randomly connected learning circuit. bioRxiv : the preprint server for biology.

Weiss JT, et al. (2021) Sleep deprivation results in diverse patterns of synaptic scaling across the Drosophila mushroom bodies. Current biology : CB, 31(15), 3248.

Hsu CT, et al. (2021) Manipulations of the olfactory circuit highlight the role of sensory stimulation in regulating sleep amount. Sleep, 44(5).

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.

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