

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R35B12-p65.AD}attP40; P{y\[+t7.7\] w\[+mC\]=R34A03-GAL4.DBD}attP2/TM6B, Tb\[1\]](#)

RRID:BDSC_68370

Type: Organism

Proper Citation

RRID:BDSC_68370

Organism Information

URL: <https://n2t.net/bdsc:68370>

Proper Citation: RRID:BDSC_68370

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R35B12-p65.AD}attP40; P{y[+t7.7] w[+mC]=R34A03-GAL4.DBD}attP2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB463B, 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: GAL4(DBD)::Zip-, Sema1a, Abd-B, p65(AD)::Zip+, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68370

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68370, BDSC:68370, BL68370

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R35B12-p65.AD}attP40; P{y[+t7.7] w[+mC]=R34A03-GAL4.DBD}attP2/TM6B, Tb[1]

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]=R35B12-p65.AD}attP40; P{y[+t7.7] w[+mC]=R34A03-GAL4.DBD}attP2/TM6B, Tb[1].

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R35B12-p65.AD}attP40; P{y[+t7.7] w[+mC]=R34A03-GAL4.DBD}attP2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Sager G, et al. (2025) Spatial and morphological organization of mitochondria in neurons across a connectome. Science (New York, N.Y.), eads6674.

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.

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

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.

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.