

Resource Summary Report

Generated by [dkNET](#) on Aug 15, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R30E11-p65.AD}attP40/CyO; P{y\[+t7.7\] w\[+mC\]=R22B12-GAL4.DBD}attP2](#)

RRID:BDSC_68326

Type: Organism

Proper Citation

RRID:BDSC_68326

Organism Information

URL: <https://n2t.net/bdsc:68326>

Proper Citation: RRID:BDSC_68326

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R30E11-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R22B12-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line MB438B from Aso et al., 2014 [FBrf0227179]. Homozygotes may be present. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4(DBD)::Zip-, nAChRalpha6, NetA, p65(AD)::Zip+, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68326

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68326, BL68326

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R30E11-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R22B12-GAL4.DBD}attP2

Record Creation Time: 20240911T223038+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R30E11-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R22B12-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R30E11-p65.AD}attP40/CyO; P{y[+t7.7] w[+mC]=R22B12-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.

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.

Wu MS, et al. (2023) Aversive conditioning information transmission in Drosophila. Cell reports, 42(10), 113207.

Qiao J, et al. (2022) Input-timing-dependent plasticity at incoming synapses of the mushroom body facilitates olfactory learning in Drosophila. Current biology : CB, 32(22), 4869.

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