

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

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

RRID:BDSC_79603

Type: Organism

Proper Citation

RRID:BDSC_79603

Organism Information

URL: <https://n2t.net/bdsc:79603>

Proper Citation: RRID:BDSC_79603

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

Species: Drosophila melanogaster

Notes: This stock carries both the 'GAL4-DBD.empty' and 'p65-AD.empty' control constructs. Also known as the 'empty stable split' stock. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4(DBD)::Zip-, Hsap\RELA, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 79603

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_79603, BDSC:79603, BL79603

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

Record Creation Time: 20240911T223223+0000

Record Last Update: 20260905T141259+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Wu H, et al. (2026) Afterimages drive a shared visual motion-reversal illusion in Drosophila. bioRxiv : the preprint server for biology.

Elabbady L, et al. (2026) A central somatotopic map of the fly leg supports spatially targeted grooming. Current biology : CB, 36(9), 2192.

Syed DS, et al. (2026) Inhibitory circuits control leg movements during Drosophila grooming. eLife, 14.

Guo L, et al. (2026) Segmentally repeated ventral nerve cord circuits drive different leg rubbing behaviors in Drosophila grooming. iScience, 29(3), 114902.

Reyes M, et al. (2026) Octopamine regulates neural circuits in the mushroom body and central complex, influencing sleep and arousal. iScience, 29(5), 115564.

Liessem S, et al. (2026) Control of walking direction by descending and dopaminergic neurons in Drosophila. Current biology : CB, 36(15), 3808.

Rayshubskiy A, et al. (2025) Neural circuit mechanisms for steering control in walking Drosophila. eLife, 13.

Erginkaya M, et al. (2025) A competitive disinhibitory network for robust optic flow processing in Drosophila. Nature neuroscience, 28(6), 1241.

Warnecke C, et al. (2025) Re-exposure to reward re-evaluates related memories. Current biology : CB.

Wei H, et al. (2025) Odors drive feeding through gustatory receptor neurons in Drosophila. eLife, 13.

Shuai Y, et al. (2025) Driver lines for studying associative learning in Drosophila. eLife, 13.

Hindmarsh Sten T, et al. (2025) Male-male interactions shape mate selection in *Drosophila*. *Cell*, 188(6), 1486.

Shomar JW, et al. (2025) Visual circuitry for distance estimation in *Drosophila*. *Current biology : CB*, 35(21), 5136.

Iwasaki K, et al. (2025) *Drosophila* learn to prefer immobile spherical objects through repeated physical interaction. *Current biology : CB*, 35(22), 5475.

Kathman ND, et al. (2025) Neural dynamics for working memory and evidence integration during olfactory navigation in *Drosophila*. *bioRxiv : the preprint server for biology*.

Kele?? MF, et al. (2025) FlyVISTA, an integrated machine learning platform for deep phenotyping of sleep in *Drosophila*. *Science advances*, 11(11), eadq8131.

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.

Rubin GM, et al. (2024) New genetic tools for mushroom body output neurons in *Drosophila*. *eLife*, 12.

Westeinde EA, et al. (2024) Transforming a head direction signal into a goal-oriented steering command. *Nature*, 626(8000), 819.

Yoshikawa S, et al. (2024) Mechanosensory and command contributions to the *Drosophila* grooming sequence. *Current biology : CB*, 34(10), 2066.