

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GAL4.1Uw}attP2](#)

RRID:BDSC_68384

Type: Organism

Proper Citation

RRID:BDSC_68384

Organism Information

URL: <https://n2t.net/bdsc:68384>

Proper Citation: RRID:BDSC_68384

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GAL4.1Uw}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Called pBDPGAL4.1Uw (attP2) in Shirangi et al., 2013 [FBrf0223321]. Control construct carrying GAL4 in the vector used in the Janelia GAL4 collection but with no regulatory fragment present. A.k.a. the 'empty GAL4' control, pBDPGAL4Uw or pBDPGAL4.1Uw. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 68384

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68384, BL68384

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GAL4.1Uw}attP2

Record Creation Time: 20240911T223039+0000

Record Last Update: 20260815T192343+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GAL4.1Uw}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GAL4.1Uw}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

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

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

Someya M, et al. (2025) Distinct circuit motifs evaluate opposing innate values of odors. *Cell*.

Ladd CE, et al. (2025) Behavior choices amongst grooming, feeding and courting in *Drosophila* show contextual flexibility, not an absolute hierarchy of needs. *The Journal of experimental biology*, 228(23).

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

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

Matsunaga T, et al. (2025) Odorant receptors mediating avoidance of toxic mustard oils in *Drosophila melanogaster* are expanded in herbivorous relatives. *Molecular biology and evolution*.

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

Zhang T, et al. (2025) SIFamide-dependent synaptic plasticity in male-specific GABAergic neurons underlies experience-modulated mating behaviors. *iScience*, 28(10), 113516.

Patel AA, et al. (2025) Neural substrates of cold nociception in *Drosophila* larva. *eLife*, 12.

Greenin-Whitehead K, et al. (2025) Ectopic sodium channel expression decreases excitability of *Drosophila* Kenyon cells. *The Journal of physiology*, 603(19), 5565.

Ishida IG, et al. (2025) Neuronal calcium spikes enable vector inversion in the *Drosophila* brain. *Cell*.

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*.

Salades EB, et al. (2025) Nighttime Caffeine Intake Increases Motor Impulsivity. *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.

Matsunaga T, et al. (2024) Odorant receptors tuned to isothiocyanates in *Drosophila melanogaster* and their evolutionary expansion in herbivorous relatives. *bioRxiv : the preprint server for biology*.

Vecsey CG, et al. (2024) Neural Stimulation during *Drosophila* Activity Monitor (DAM)-Based Studies of Sleep and Circadian Rhythms in *Drosophila melanogaster*. *Cold Spring Harbor protocols*, 2024(11), db.prot108180.

Limbania D, et al. (2023) Dehydrated *Drosophila melanogaster* track a water plume in tethered flight. *iScience*, 26(3), 106266.

Suver MP, et al. (2023) Active antennal movements in *Drosophila* can tune wind encoding. *Current biology : CB*, 33(4), 780.