Resource Summary Report

Generated by dkNET on Jul 29, 2026

w[*]; P{w[+mC]=ple-GAL4.F}3

RRID:BDSC_8848
Type: Organism

Proper Citation

RRID:BDSC_8848

Organism Information

URL: https://n2t.net/bdsc:8848

Proper Citation: RRID:BDSC_8848

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=ple-GAL4.F}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Serge Birman, Aix-Marseille University, Luminy

Affected Gene: GAL4, ple, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8848

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8848, BL8848

Organism Name: w[*]; P{w[+mC]=ple-GAL4.F}3

Record Creation Time: 20240911T222220+0000

Record Last Update: 20260725T194859+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=ple-GAL4.F}3.

No alerts have been found for w[*]; P{w[+mC]=ple-GAL4.F}3.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 106 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in Drosophila melanogaster. Current biology : CB, 35(17), 4188.

Villalobos-Cantor S, et al. (2025) Genetic basis of maneb-induced dopaminergic neurodegeneration in Drosophila. G3 (Bethesda, Md.), 15(9).

Mabry SJ, et al. (2025) Fusobacterium nucleatum determines the expression of amphetamine-induced behavioral responses through an epigenetic phenomenon. bioRxiv : the preprint server for biology.

Cárdenas B, et al. (2025) In Vitro Antioxidant Activity and In Vivo Neuroprotective Effect of Parastrephia quadrangularis in a Drosophila Parkinson's Disease Model. Antioxidants (Basel, Switzerland), 14(10).

Gibson SB, et al. (2025) Hippo signaling regulates cuticle pigmentation and dopamine metabolism in Drosophila. bioRxiv : the preprint server for biology.

Meimoun NS, et al. (2025) GABAergic neurons are a key cell type in a Drosophila model of PARK14/PLA2G6-associated neurodegeneration. Frontiers in neuroscience, 19, 1534243.

Huang S, et al. (2025) Enhanced memory despite severe sleep loss in Drosophila insomniac mutants. PLoS biology, 23(3), e3003076.

Perry S, et al. (2025) Validating and Optimizing a Drosophila Larval Model of Parkinson's Synucleopathy. microPublication biology, 2025.

Ding G, et al. (2025) A tumor-secreted protein utilizes glucagon release to cause host wasting. Cell discovery, 11(1), 11.

Buck SA, et al. (2025) dVGLUT Is a Mediator of Sex Differences in Dopamine Neuron Mitochondrial Function Across Aging and in a Parkinson's Disease Model. Aging cell, 24(8), e70096.

Juba AN, et al. (2025) park+/+ and park-/- Drosophila have sexually dimorphic brain redox chemistry. Disease models & mechanisms, 18(8).

Saito K, et al. (2025) Ecdysteroid-DopEcR signaling in neuronal and midgut cells mediates toxin avoidance and detoxification in Drosophila. Current biology : CB, 35(14), 3418.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within Drosophila mushroom body neurons. PLoS biology, 23(10), e3003449.

Juba AN, et al. (2025) Manganese Porphyrin Reduces Oxidative Stress in Vulnerable Parkin-Null Drosophila Dopaminergic Neurons. Antioxidants (Basel, Switzerland), 14(9).

Deal SL, et al. (2025) RNAi-based screen for pigmentation in Drosophila melanogaster reveals regulators of brain dopamine and sleep. bioRxiv : the preprint server for biology.

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

Villalobos-Cantor S, et al. (2025) Genome-wide analysis reveals genes mediating resistance to paraquat neurodegeneration in Drosophila. Genetics, 230(3).

Nghi NBT, et al. (2025) Targeting the Parkinson's disease using sim (Rhodomyrtus tomentosa) fruit water extract. BMC complementary medicine and therapies, 25(1), 173.

Yamakoshi H, et al. (2025) Mating status-dependent dopaminergic modulation of auditory sensory neurons in Drosophila. iScience, 28(9), 113232.

Burján T, et al. (2025) Comparative Analysis of Two Autophagy-Enhancing Small Molecules (AUTEN-67 and -99) in a Drosophila Model of Spinocerebellar Ataxia Type 1. International journal of molecular sciences, 26(21).