

Resource Summary Report

Generated by [ASWG](#) on Jul 31, 2026

[w\[1118\]; P{w\[+mC\]=Ddc-GAL4.L}Lmpt\[4.36\]](#)

RRID:BDSC_7009

Type: Organism

Proper Citation

RRID:BDSC_7009

Organism Information

URL: <https://n2t.net/bdsc:7009>

Proper Citation: RRID:BDSC_7009

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Ddc-GAL4.L}Lmpt[4.36] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jay Hirsh, University of Virginia

Affected Gene: Ddc, GAL4, Lmpt, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 7009

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7009, BL7009

Organism Name: w[1118]; P{w[+mC]=Ddc-GAL4.L}Lmpt[4.36]

Record Creation Time: 20240911T222205+0000

Record Last Update: 20260725T194840+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Ddc-GAL4.L}Lmpt[4.36].

No alerts have been found for w[1118]; P{w[+mC]=Ddc-GAL4.L}Lmpt[4.36].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Serebryany-Piavsky V, et al. (2025) The modifying effect of mutant LRRK2 on mutant GBA1-associated Parkinson disease. Human molecular genetics, 34(14), 1184.

Tng TJW, et al. (2025) Ergothioneine Treatment Ameliorates the Pathological Phenotypes of Parkinson's Disease Models. Journal of neurochemistry, 169(7), e70168.

Kajtor M, et al. (2025) Altered reactivity to threatening stimuli in Drosophila models of Parkinson's disease, revealed by a trial-based assay. eLife, 13.

Tio M, et al. (2024) Genetic and pharmacologic p32-inhibition rescue CHCHD2-linked Parkinson's disease phenotypes in vivo and in cell models. Journal of biomedical science, 31(1), 24.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1), 10819.

Dhanushkodi NR, et al. (2023) ATP13A2 Gene Silencing in Drosophila Affects Autophagic Degradation of A53T Mutant α -Synuclein. International journal of molecular sciences, 24(2).

Zhuravlev AV, et al. (2023) LIM-kinase 1 effects on memory abilities and male courtship song in Drosophila depend on the neuronal type. Vavilovskii zhurnal genetiki i selektsii, 27(3), 250.

Aimon S, et al. (2023) Global change in brain state during spontaneous and forced walk in Drosophila is composed of combined activity patterns of different neuron classes. eLife, 12.

Murashov AK, et al. (2023) Paternal Western diet causes transgenerational increase in food consumption in Drosophila with parallel alterations in the offspring brain proteome and microRNAs. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(6), e22966.

Kato A, et al. (2023) Dopaminergic neurons dynamically update sensory values during olfactory maneuver. *Cell reports*, 42(10), 113122.

Zhao B, et al. (2023) Targeting RACK1 to alleviate TDP-43 and FUS proteinopathy-mediated suppression of protein translation and neurodegeneration. *Acta neuropathologica communications*, 11(1), 200.

Zhou ZD, et al. (2022) The role of tyrosine hydroxylase-dopamine pathway in Parkinson's disease pathogenesis. *Cellular and molecular life sciences : CMLS*, 79(12), 599.

Jiao W, et al. (2022) Intact *Drosophila* central nervous system cellular quantitation reveals sexual dimorphism. *eLife*, 11.

Croteau-Chonka EC, et al. (2022) High-throughput automated methods for classical and operant conditioning of *Drosophila* larvae. *eLife*, 11.

Hope KA, et al. (2022) An in vivo drug repurposing screen and transcriptional analyses reveals the serotonin pathway and GSK3 as major therapeutic targets for NGLY1 deficiency. *PLoS genetics*, 18(6), e1010228.

Vijayan V, et al. (2022) An internal expectation guides *Drosophila* egg-laying decisions. *Science advances*, 8(43), eabn3852.

Zhuravlev AV, et al. (2022) *cd1* Mutation in *Drosophila* Affects Phenoxazinone Synthase Catalytic Site and Impairs Long-Term Memory. *International journal of molecular sciences*, 23(20).

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. *Science advances*, 8(36), eabg3203.

Le TD, et al. (2021) Sesamin Activates Nrf2/Cnc-Dependent Transcription in the Absence of Oxidative Stress in *Drosophila* Adult Brains. *Antioxidants (Basel, Switzerland)*, 10(6).

Hang L, et al. (2021) Conditional disruption of AMP kinase in dopaminergic neurons promotes Parkinson's disease-associated phenotypes in vivo. *Neurobiology of disease*, 161, 105560.