Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

w[1118]; P{w[+mC]=Dsk-GAL4.TH}3M

RRID:BDSC_51981
Type: Organism

Proper Citation

RRID:BDSC_51981

Organism Information

URL: https://n2t.net/bdsc:51981

Proper Citation: RRID:BDSC_51981

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Dsk-GAL4.TH}3M from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Kenta Asahina & David Anderson, California Institute of Technology

Affected Gene: Dsk, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 51981

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51981, BL51981

Organism Name: w[1118]; P{w[+mC]=Dsk-GAL4.TH}3M

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260725T195548+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Dsk-GAL4.TH}3M.

No alerts have been found for w[1118]; P{w[+mC]=Dsk-GAL4.TH}3M.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Oikawa I, et al. (2023) A descending inhibitory mechanism of nociception mediated by an evolutionarily conserved neuropeptide system in Drosophila. eLife, 12.

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. eLife, 12.

Fedina TY, et al. (2023) The neuropeptide drosulfakinin enhances choosiness and protects males from the aging effects of social perception. Proceedings of the National Academy of Sciences of the United States of America, 120(51), e2308305120.

Wang T, et al. (2022) Drosulfakinin signaling modulates female sexual receptivity in Drosophila. eLife, 11.

Zhang RX, et al. (2022) dSec16 Acting in Insulin-like Peptide Producing Cells Controls Energy Homeostasis in Drosophila. Life (Basel, Switzerland), 13(1).

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

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

Hadjieconomou D, et al. (2020) Enteric neurons increase maternal food intake during reproduction. Nature, 587(7834), 455.

Hu Y, et al. (2020) A Neural Basis for Categorizing Sensory Stimuli to Enhance Decision Accuracy. Current biology : CB, 30(24), 4896.

Agrawal P, et al. (2020) The neuropeptide Drosulfakinin regulates social isolation-induced aggression in Drosophila. The Journal of experimental biology, 223(Pt 2).

Megha , et al. (2019) ER-Ca2+ sensor STIM regulates neuropeptides required for development under nutrient restriction in Drosophila. PloS one, 14(7), e0219719.

Sawala A, et al. (2017) The sex of specific neurons controls female body growth in Drosophila. PLoS biology, 15(10), e2002252.

Williams MJ, et al. (2014) Obesity-linked homologues TfAP-2 and Twz establish meal frequency in Drosophila melanogaster. PLoS genetics, 10(9), e1004499.

Park D, et al. (2008) Mapping peptidergic cells in Drosophila: where DIMM fits in. PloS one, 3(3), e1896.