Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

w[1118]; P{y[+t7.7] w[+mC]=R71G01-GAL4.DBD}attP2

RRID:BDSC_69507
Type: Organism

Proper Citation

RRID:BDSC_69507

Organism Information

URL: https://n2t.net/bdsc:69507

Proper Citation: RRID:BDSC_69507

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R71G01-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4(DBD)::Zip-, Vsx2, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 69507

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:69507, BL69507

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R71G01-GAL4.DBD}attP2

Record Creation Time: 20240911T223049+0000

Record Last Update: 20250331T213623+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R71G01-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R71G01-GAL4.DBD}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Wang R, et al. (2023) Effects of lithium on aggression in Drosophila. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 48(5), 754.

Watanabe K, et al. (2023) HI-FISH: WHOLE BRAIN IN SITU MAPPING OF NEURONAL ACTIVATION IN DROSOPHILA DURING SOCIAL BEHAVIORS AND OPTOGENETIC STIMULATION. bioRxiv : the preprint server for biology.

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in Drosophila males. Current biology : CB, 33(10), 2034.

Yamaguchi ST, et al. (2022) Insulin signaling in clock neurons regulates sleep in Drosophila. Biochemical and biophysical research communications, 591, 44.

Zhang L, et al. (2022) Nutrients and pheromones promote insulin release to inhibit courtship drive. Science advances, 8(10), eabl6121.

Han C, et al. (2022) The doublesex gene regulates dimorphic sexual and aggressive behaviors in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 119(37), e2201513119.

Chen J, et al. (2021) fruitless tunes functional flexibility of courtship circuitry during development. eLife, 10.

Wu F, et al. (2020) A neuropeptide regulates fighting behavior in Drosophila melanogaster.

eLife, 9.

Moscato EH, et al. (2020) Social Behavioral Deficits with Loss of Neurofibromin Emerge from Peripheral Chemosensory Neuron Dysfunction. Cell reports, 32(1), 107856.

Jung Y, et al. (2020) Neurons that Function within an Integrator to Promote a Persistent Behavioral State in Drosophila. Neuron, 105(2), 322.

Leng X, et al. (2020) Quantifying influence of human choice on the automated detection of Drosophila behavior by a supervised machine learning algorithm. PloS one, 15(12), e0241696.

Ishii K, et al. (2020) Sex-determining genes distinctly regulate courtship capability and target preference via sexually dimorphic neurons. eLife, 9.

Liu W, et al. (2019) Neuropeptide F regulates courtship in Drosophila through a male-specific neuronal circuit. eLife, 8.

Seeholzer LF, et al. (2018) Evolution of a central neural circuit underlies Drosophila mate preferences. Nature, 559(7715), 564.

Hoopfer ED, et al. (2015) P1 interneurons promote a persistent internal state that enhances inter-male aggression in Drosophila. eLife, 4.