Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-lexA}attP40

RRID:BDSC_54733
Type: Organism

Proper Citation

RRID:BDSC_54733

Organism Information

URL: https://n2t.net/bdsc:54733

Proper Citation: RRID:BDSC_54733

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-lexA}attP40 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: lexA::p65, Vsx2, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 54733

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:54733, BL54733

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-lexA}attP40

Record Creation Time: 20240911T222827+0000

Record Last Update: 20250331T212846+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-lexA}attP40.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-lexA}attP40.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Kim DH, et al. (2024) Long-term neuropeptide modulation of female sexual drive via the TRP channel in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310841121.

Jiang X, et al. (2024) Sex-Specific and State-Dependent Neuromodulation Regulates Male and Female Locomotion and Sexual Behaviors. Research (Washington, D.C.), 7, 0321.

Imoto K, et al. (2024) Neural-circuit basis of song preference learning in fruit flies. iScience, 27(7), 110266.

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

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

Cheriyamkunnel SJ, et al. (2021) A neuronal mechanism controlling the choice between feeding and sexual behaviors in Drosophila. Current biology : CB, 31(19), 4231.

Duhart JM, et al. (2020) Modulation of sleep-courtship balance by nutritional status in Drosophila. eLife, 9.

Deutsch D, et al. (2020) The neural basis for a persistent internal state in Drosophila females. eLife, 9.

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

Machado DR, et al. (2017) Identification of octopaminergic neurons that modulate sleep

suppression by male sex drive. eLife, 6.