Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

w[1118]; P{w[+mC]=UAS-Epac1-camps}50A

RRID:BDSC_25407
Type: Organism

Proper Citation

RRID:BDSC_25407

Organism Information

URL: https://n2t.net/bdsc:25407

Proper Citation: RRID:BDSC_25407

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Epac1-camps}50A from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Paul Taghert, Washington University School of Medicine

Affected Gene: Epac1-camps, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25407

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:25407, BL25407

Organism Name: w[1118]; P{w[+mC]=UAS-Epac1-camps}50A

Record Creation Time: 20240911T222426+0000

Record Last Update: 20250331T211614+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Epac1-camps}50A.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Epac1-camps}50A.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Braco JT, et al. (2022) Modulation of Metabolic Hormone Signaling via a Circadian Hormone and Biogenic Amine in Drosophila melanogaster. International journal of molecular sciences, 23(8).

Pauls D, et al. (2021) Endocrine signals fine-tune daily activity patterns in Drosophila. Current biology : CB, 31(18), 4076.

Sabandal JM, et al. (2020) Concerted Actions of Octopamine and Dopamine Receptors Drive Olfactory Learning. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(21), 4240.

Kim JH, et al. (2020) The voltage-gated potassium channel Shaker promotes sleep via thermosensitive GABA transmission. Communications biology, 3(1), 174.

Ki Y, et al. (2019) Sleep-promoting effects of threonine link amino acid metabolism in Drosophila neuron to GABAergic control of sleep drive. eLife, 8.

Duvall LB, et al. (2012) The circadian neuropeptide PDF signals preferentially through a specific adenylate cyclase isoform AC3 in M pacemakers of Drosophila. PLoS biology, 10(6), e1001337.