Resource Summary Report

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

w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-CsChrimson.mVenus}attP40

RRID:BDSC_55138
Type: Organism

Proper Citation

RRID:BDSC_55138

Organism Information

URL: https://n2t.net/bdsc:55138

Proper Citation: RRID:BDSC_55138

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-CsChrimson.mVenus}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Vivek Jayaraman, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: CsChrimson, lexAop, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 55138

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:55138, BL55138

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-CsChrimson.mVenus}attP40

Record Creation Time: 20240911T222831+0000

Record Last Update: 20250331T212902+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-CsChrimson.mVenus}attP40.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-CsChrimson.mVenus}attP40.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Gugel ZV, et al. (2023) Chronic exposure to odors at naturally occurring concentrations triggers limited plasticity in early stages of Drosophila olfactory processing. eLife, 12.

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

Jouandet GC, et al. (2023) Rapid threat assessment in the Drosophila thermosensory system. Nature communications, 14(1), 7067.

Tang M, et al. (2022) An extra-clock ultradian brain oscillator sustains circadian timekeeping. Science advances, 8(35), eabo5506.

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

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in Drosophila. Current biology : CB, 32(5), 1131.

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

Eschbach C, et al. (2020) Recurrent architecture for adaptive regulation of learning in the

insect brain. Nature neuroscience, 23(4), 544.

Zhou Y, et al. (2019) Mechanosensory circuits coordinate two opposing motor actions in Drosophila feeding. Science advances, 5(5), eaaw5141.

Tenedini FM, et al. (2019) Maintenance of cell type-specific connectivity and circuit function requires Tao kinase. Nature communications, 10(1), 3506.

Guo F, et al. (2018) A Circadian Output Circuit Controls Sleep-Wake Arousal in Drosophila. Neuron, 100(3), 624.

Watanabe K, et al. (2017) A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in Drosophila. Neuron, 95(5), 1112.

Xie X, et al. (2017) The laminar organization of the Drosophila ellipsoid body is semaphorin-dependent and prevents the formation of ectopic synaptic connections. eLife, 6.