Resource Summary Report

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

w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18

RRID:BDSC_55134
Type: Organism

Proper Citation

RRID:BDSC_55134

Organism Information

URL: https://n2t.net/bdsc:55134

Proper Citation: RRID:BDSC_55134

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: CsChrimson, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 55134

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:55134, BL55134

Organism Name: w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18

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]=20XUAS-IVS-CsChrimson.mVenus}attP18.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Zhu J, et al. (2024) Feedback inhibition by a descending GABAergic neuron regulates timing of escape behavior in Drosophila larvae. eLife, 13.

Yoshikawa S, et al. (2024) Mechanosensory and command contributions to the Drosophila grooming sequence. Current biology : CB, 34(10), 2066.

Shiozaki HM, et al. (2024) Activity of nested neural circuits drives different courtship songs in Drosophila. Nature neuroscience, 27(10), 1954.

Abubaker MB, et al. (2024) Asymmetric neurons are necessary for olfactory learning in the Drosophila brain. Current biology : CB, 34(5), 946.

Ott S, et al. (2024) Kalium channelrhodopsins effectively inhibit neurons. Nature communications, 15(1), 3480.

Eichler K, et al. (2024) Somatotopic organization among parallel sensory pathways that promote a grooming sequence in Drosophila. eLife, 12.

Dai X, et al. (2024) Four SpsP neurons are an integrating sleep regulation hub in Drosophila. Science advances, 10(47), eads0652.

Wolff T, et al. (2024) Cell type-specific driver lines targeting the Drosophila central complex

and their use to investigate neuropeptide expression and sleep regulation. bioRxiv : the preprint server for biology.

Tao L, et al. (2024) Neurons Underlying Aggression-Like Actions That Are Shared by Both Males and Females in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(44).

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

Anthoney N, et al. (2023) Experimentally induced active and quiet sleep engage non-overlapping transcriptional programs in Drosophila. eLife, 12.

Gowda SBM, et al. (2023) Serotonin distinctly controls behavioral states in restrained and freely moving Drosophila. iScience, 26(1), 105886.

Coleman RT, et al. (2023) A modular circuit architecture coordinates the diversification of courtship strategies in Drosophila. bioRxiv : the preprint server for biology.

Zhu J, et al. (2023) Comparative connectomics and escape behavior in larvae of closely related Drosophila species. Current biology : CB, 33(12), 2491.

Zhao Y, et al. (2023) Direction Selectivity of TmY Neurites in Drosophila. Neuroscience bulletin, 39(5), 759.

Duan W, et al. (2023) A Visual Pathway into Central Complex for High-Frequency Motion-Defined Bars in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(26), 4821.

Tao L, et al. (2023) Sensorimotor transformation underlying odor-modulated locomotion in walking Drosophila. Nature communications, 14(1), 6818.

González Segarra AJ, et al. (2023) Hunger- and thirst-sensing neurons modulate a neuroendocrine network to coordinate sugar and water ingestion. eLife, 12.

Salim S, et al. (2023) The ortholog of human ssDNA-binding protein SSBP3 influences neurodevelopment and autism-like behaviors in Drosophila melanogaster. PLoS biology, 21(7), e3002210.

Eichler K, et al. (2023) Somatotopic organization among parallel sensory pathways that promote a grooming sequence in Drosophila. bioRxiv : the preprint server for biology.