Resource Summary Report

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w[*]; P{w[+mC]=lexAop-nSyb-spGFP1-10}2, P{w[+mC]=UAS-CD4-spGFP11}2; MKRS/TM6B

RRID:BDSC_64315
Type: Organism

Proper Citation

RRID:BDSC_64315

Organism Information

URL: https://n2t.net/bdsc:64315

Proper Citation: RRID:BDSC_64315

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=lexAop-nSyb-spGFP1-10}2, P{w[+mC]=UAS-CD4-spGFP11}2; MKRS/TM6B from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Marco Gallio, Northwestern University

Affected Gene: lexAop, nSyb, spGFP1-10, spGFP11, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 64315

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:64315, BL64315

Organism Name: w[*]; P{w[+mC]=lexAop-nSyb-spGFP1-10}2, P{w[+mC]=UAS-CD4-spGFP11}2; MKRS/TM6B

Record Creation Time: 20240911T222959+0000

Record Last Update: 20250331T213344+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=lexAop-nSyb-spGFP1-10}2, P{w[+mC]=UAS-CD4-spGFP11}2; MKRS/TM6B.

No alerts have been found for w[*]; P{w[+mC]=lexAop-nSyb-spGFP1-10}2, P{w[+mC]=UAS-CD4-spGFP11}2; MKRS/TM6B.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Schnaitmann C, et al. (2024) Horizontal-cell like Dm9 neurons in Drosophila modulate photoreceptor output to supply multiple functions in early visual processing. Frontiers in molecular neuroscience, 17, 1347540.

Kaneko T, et al. (2024) Transsynaptic BMP Signaling Regulates Fine-Scale Topography between Adjacent Sensory Neurons. eNeuro, 11(8).

Lim-Kian-Siang G, et al. (2024) Neurexin-1-dependent circuit activity is required for the maintenance of photoreceptor subtype identity in Drosophila. Molecular brain, 17(1), 2.

Singh P, et al. (2023) Examining Sleep Modulation by Drosophila Ellipsoid Body Neurons. eNeuro, 10(9).

Song T, et al. (2023) Dietary cysteine drives body fat loss via FMRFamide signaling in Drosophila and mouse. Cell research, 33(6), 434.

Dutta SB, et al. (2023) EGFR-dependent suppression of synaptic autophagy is required for neuronal circuit development. Current biology : CB, 33(3), 517.

Richard M, et al. (2022) A Quantitative Model of Sporadic Axonal Degeneration in the Drosophila Visual System. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(24), 4937.

Imambocus BN, et al. (2022) A neuropeptidergic circuit gates selective escape behavior of Drosophila larvae. Current biology : CB, 32(1), 149.

Losada-Pérez M, et al. (2022) Synaptic components are required for glioblastoma progression in Drosophila. PLoS genetics, 18(7), e1010329.

Lin CH, et al. (2022) Semaphorin 1a-mediated dendritic wiring of the Drosophila mushroom body extrinsic neurons. Proceedings of the National Academy of Sciences of the United States of America, 119(12), e2111283119.

Zhang N, et al. (2022) A pair of commissural command neurons induces Drosophila wing grooming. iScience, 25(2), 103792.

Guo D, et al. (2021) Cholecystokinin-like peptide mediates satiety by inhibiting sugar attraction. PLoS genetics, 17(8), e1009724.

Kiral FR, et al. (2021) Brain connectivity inversely scales with developmental temperature in Drosophila. Cell reports, 37(12), 110145.

Weiss JT, et al. (2021) Sleep deprivation results in diverse patterns of synaptic scaling across the Drosophila mushroom bodies. Current biology : CB, 31(15), 3248.

Qi W, et al. (2021) A novel satiety sensor detects circulating glucose and suppresses food consumption via insulin-producing cells in Drosophila. Cell research, 31(5), 580.

Yang T, et al. (2021) A neural circuit integrates pharyngeal sensation to control feeding. Cell reports, 37(6), 109983.

Lee SH, et al. (2021) Metabolic control of daily locomotor activity mediated by tachykinin in Drosophila. Communications biology, 4(1), 693.

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

González-Méndez L, et al. (2020) Polarized sorting of Patched enables cytoneme-mediated Hedgehog reception in the Drosophila wing disc. The EMBO journal, 39(11), e103629.

Alpert MH, et al. (2020) A Circuit Encoding Absolute Cold Temperature in Drosophila. Current biology : CB, 30(12), 2275.