Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

P{w[+mC]=VGlut1-GAL4.D}1, w[*]

RRID:BDSC_24635
Type: Organism

Proper Citation

RRID:BDSC_24635

Organism Information

URL: https://n2t.net/bdsc:24635

Proper Citation: RRID:BDSC_24635

Description: Drosophila melanogaster with name P{w[+mC]=VGlut1-GAL4.D}1, w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bill Saxton, Indiana University, Bloomington; Donor's Source: Catherine Collins, Washington University School of Medicine

Affected Gene: GAL4, VGlut1, w

Genomic Alteration: Chromosome 1

Catalog Number: 24635

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:24635, BL24635

Organism Name: P{w[+mC]=VGlut1-GAL4.D}1, w[*]

Record Creation Time: 20240911T222419+0000

Record Last Update: 20250420T054648+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=VGlut1-GAL4.D}1, w[*].

No alerts have been found for P{w[+mC]=VGlut1-GAL4.D}1, w[*].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Layalle S, et al. (2024) The ALS-associated KIF5A P986L variant is not pathogenic for Drosophila motoneurons. Scientific reports, 14(1), 19540.

Yu J, et al. (2024) Genetically-encoded markers for confocal visualization of single dense core vesicles. Research square.

Yu J, et al. (2024) Genetically-encoded markers for confocal visualization of single dense core vesicles. bioRxiv : the preprint server for biology.

Elam L, et al. (2024) FAST SOLVER FOR DIFFUSIVE TRANSPORT TIMES ON DYNAMIC INTRACELLULAR NETWORKS. SIAM journal on applied mathematics, 84(3), S476.

Quiñones-Frías MC, et al. (2023) High-resolution imaging of presynaptic ER networks in Atlastin mutants. bioRxiv : the preprint server for biology.

Landis JE, et al. (2023) RNAi of Complex I and V of the electron transport chain in glutamate neurons extends life span, increases sleep, and decreases locomotor activity in Drosophila melanogaster. PloS one, 18(6), e0286828.

Chen N, et al. (2023) Widespread posttranscriptional regulation of cotransmission. Science advances, 9(22), eadg9836.

Guss EJ, et al. (2023) Loss of the extracellular matrix protein Perlecan disrupts axonal and synaptic stability during Drosophila development. eLife, 12.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Aimon S, et al. (2023) Global change in brain state during spontaneous and forced walk in

Drosophila is composed of combined activity patterns of different neuron classes. eLife, 12.

Guan W, et al. (2022) Post-transcriptional regulation of transcription factor codes in immature neurons drives neuronal diversity. Cell reports, 39(13), 110992.

Dravecz N, et al. (2022) Reduced Insulin Signaling Targeted to Serotonergic Neurons but Not Other Neuronal Subtypes Extends Lifespan in Drosophila melanogaster. Frontiers in aging neuroscience, 14, 893444.

Cho TS, et al. (2022) The Putative Drosophila TMEM184B Ortholog Tmep Ensures Proper Locomotion by Restraining Ectopic Firing at the Neuromuscular Junction. Molecular neurobiology, 59(4), 2605.

Hudson AM, et al. (2021) Tissue-specific dynamic codon redefinition in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 118(5).

Le TD, et al. (2021) Sesamin Activates Nrf2/Cnc-Dependent Transcription in the Absence of Oxidative Stress in Drosophila Adult Brains. Antioxidants (Basel, Switzerland), 10(6).

Hill AS, et al. (2019) The Drosophila ERG channel seizure plays a role in the neuronal homeostatic stress response. PLoS genetics, 15(8), e1008288.

Lacin H, et al. (2019) Neurotransmitter identity is acquired in a lineage-restricted manner in the Drosophila CNS. eLife, 8.

Chen KF, et al. (2019) Neurocalcin regulates nighttime sleep and arousal in Drosophila. eLife, 8.

Brunet Avalos C, et al. (2019) Single cell transcriptome atlas of the Drosophila larval brain. eLife, 8.

Scholz N, et al. (2019) Complexin cooperates with Bruchpilot to tether synaptic vesicles to the active zone cytomatrix. The Journal of cell biology, 218(3), 1011.