Resource Summary Report

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

w[*]; P{w[+mC]=UAS-TeTxLC.tnt}G2

RRID:BDSC_28838
Type: Organism

Proper Citation

RRID:BDSC_28838

Organism Information

URL: https://n2t.net/bdsc:28838

Proper Citation: RRID:BDSC_28838

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-TeTxLC.tnt}G2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Cahir O'Kane, University of Cambridge & Sean Sweeney, University of York

Affected Gene: Ctet\tetX, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 28838

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:28838, BL28838

Organism Name: w[*]; P{w[+mC]=UAS-TeTxLC.tnt}G2

Record Creation Time: 20240911T222459+0000

Record Last Update: 20250331T211746+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-TeTxLC.tnt}G2.

No alerts have been found for w[*]; P{w[+mC]=UAS-TeTxLC.tnt}G2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Christenson MP, et al. (2024) Hue selectivity from recurrent circuitry in Drosophila. Nature neuroscience, 27(6), 1137.

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

Gao J, et al. (2024) Dietary L-Glu sensing by enteroendocrine cells adjusts food intake via modulating gut PYY/NPF secretion. Nature communications, 15(1), 3514.

Eidhof I, et al. (2023) Ataxia-associated DNA repair genes protect the Drosophila mushroom body and locomotor function against glutamate signaling-associated damage. Frontiers in neural circuits, 17, 1148947.

Elya C, et al. (2023) Neural mechanisms of parasite-induced summiting behavior in 'zombie' Drosophila. eLife, 12.

Suzuki M, et al. (2023) A Drosophila model of diabetic neuropathy reveals a role of proteasome activity in the glia. iScience, 26(6), 106997.

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

Wang F, et al. (2023) Gliotransmission and adenosine signaling promote axon regeneration. Developmental cell, 58(8), 660.

Duhart JM, et al. (2023) Modulation and neural correlates of postmating sleep plasticity in Drosophila females. Current biology : CB, 33(13), 2702.

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward

locomotion in Drosophila. Current biology : CB, 32(5), 1131.

Gonzalez-Suarez AD, et al. (2022) Excitatory and inhibitory neural dynamics jointly tune motion detection. Current biology : CB, 32(17), 3659.

Ho MCW, et al. (2022) Sleep need-dependent changes in functional connectivity facilitate transmission of homeostatic sleep drive. Current biology : CB, 32(22), 4957.

He J, et al. (2022) Olfactory Senses Modulate Food Consumption and Physiology in Drosophila melanogaster. Frontiers in behavioral neuroscience, 16, 788633.

Andreani T, et al. (2022) Circadian programming of the ellipsoid body sleep homeostat in Drosophila. eLife, 11.

Chen DS, et al. (2022) Octopaminergic/tyraminergic Tdc2 neurons regulate biased sperm usage in female Drosophila melanogaster. Genetics, 221(4).

Heckman EL, et al. (2022) Presynaptic contact and activity opposingly regulate postsynaptic dendrite outgrowth. eLife, 11.

Han Y, et al. (2022) Botulinum neurotoxin accurately separates tonic vs. phasic transmission and reveals heterosynaptic plasticity rules in Drosophila. eLife, 11.

Manoim JE, et al. (2022) Lateral axonal modulation is required for stimulus-specific olfactory conditioning in Drosophila. Current biology : CB, 32(20), 4438.

Ikeda K, et al. (2022) Nonsynaptic Transmission Mediates Light Context-Dependent Odor Responses in Drosophila melanogaster. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(46), 8621.

Zhang X, et al. (2022) Active forgetting requires Sickie function in a dedicated dopamine circuit in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 119(38), e2204229119.