

Resource Summary Report

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w[*]; P{w[+mC]=UAS-TeTxLC.tnt}E2

RRID:BDSC_28837

Type: Organism

Proper Citation

RRID:BDSC_28837

Organism Information

URL: <https://n2t.net/bdsc:28837>

Proper Citation: RRID:BDSC_28837

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-TeTxLC.tnt}E2 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: 28837

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:28837, BL28837

Organism Name: w[*]; P{w[+mC]=UAS-TeTxLC.tnt}E2

Record Creation Time: 20240911T222459+0000

Record Last Update: 20250420T054843+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]$; $P\{w[+mC]=UAS\text{-}TeTxLC.tnt\}E2$.

No alerts have been found for $w[*]$; $P\{w[+mC]=UAS\text{-}TeTxLC.tnt\}E2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Mussells Pires P, et al. (2024) Converting an allocentric goal into an egocentric steering signal. *Nature*, 626(8000), 808.

Yun M, et al. (2024) Male cuticular pheromones stimulate removal of the mating plug and promote re-mating through pC1 neurons in *Drosophila* females. *eLife*, 13.

Lee M, et al. (2024) *Drosophila* HCN mediates gustatory homeostasis by preserving sensillar transepithelial potential in sweet environments. *eLife*, 13.

Bengochea M, et al. (2023) Numerical discrimination in *Drosophila melanogaster*. *Cell reports*, 42(7), 112772.

Vernier CL, et al. (2023) A pleiotropic chemoreceptor facilitates the production and perception of mating pheromones. *iScience*, 26(1), 105882.

Xiao N, et al. (2023) A single photoreceptor splits perception and entrainment by cotransmission. *Nature*, 623(7987), 562.

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.

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

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

Alpert MH, et al. (2022) A thermometer circuit for hot temperature adjusts *Drosophila*

behavior to persistent heat. *Current biology* : CB, 32(18), 4079.

Damulewicz M, et al. (2022) The Role of Glia Clocks in the Regulation of Sleep in *Drosophila melanogaster*. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(36), 6848.

Hermanns T, et al. (2022) Octopamine mediates sugar relief from a chronic-stress-induced depression-like state in *Drosophila*. *Current biology* : CB, 32(18), 4048.

Wu J, et al. (2022) Protocol for electroretinogram recording of the *Drosophila* compound eye. *STAR protocols*, 3(2), 101286.

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

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. *Current biology* : CB, 32(6), 1362.

Gu P, et al. (2022) Nociception and hypersensitivity involve distinct neurons and molecular transducers in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 119(12), e2113645119.

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

Himmel NJ, et al. (2021) Identification of a neural basis for cold acclimation in *Drosophila* larvae. *iScience*, 24(6), 102657.

McKelvey EGZ, et al. (2021) *Drosophila* females receive male substrate-borne signals through specific leg neurons during courtship. *Current biology* : CB, 31(17), 3894.

Maier GL, et al. (2021) Taste sensing and sugar detection mechanisms in *Drosophila* larval primary taste center. *eLife*, 10.