

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

[w\[*\]; P{w\[+mC\]=UAS-TeTxLC.tnt}R3](#)

RRID:BDSC_28997

Type: Organism

Proper Citation

RRID:BDSC_28997

Organism Information

URL: <https://n2t.net/bdsc:28997>

Proper Citation: RRID:BDSC_28997

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-TeTxLC.tnt}R3 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Cahir O'Kane, University of Cambridge & Sean Sweeney, University of York

Affected Gene: Ctet\tetX, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 28997

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28997, BDSC:28997, BL28997

Organism Name: w[*]; P{w[+mC]=UAS-TeTxLC.tnt}R3

Record Creation Time: 20240911T222500+0000

Record Last Update: 20260919T202906+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-TeTxLC.tnt}R3.

No alerts have been found for w[*]; P{w[+mC]=UAS-TeTxLC.tnt}R3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Pang MM, et al. (2025) A recurrent neural circuit in Drosophila temporally sharpens visual inputs. *Current biology* : CB, 35(2), 333.

Jiang R, et al. (2025) Regulation of pre-dawn arousal in Drosophila by a pair of trissinergic descending neurons of the visual and circadian networks. *Current biology* : CB, 35(8), 1750.

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in Drosophila larvae. *PLoS genetics*, 20(4), e1011237.

Qin J, et al. (2024) Pharyngeal mechanosensory neurons control food swallow in Drosophila melanogaster. *eLife*, 12.

Mayseless O, et al. (2023) Neuronal excitability as a regulator of circuit remodeling. *Current biology* : CB, 33(5), 981.

Lee SG, et al. (2023) Taste and pheromonal inputs govern the regulation of time investment for mating by sexual experience in male Drosophila melanogaster. *PLoS genetics*, 19(5), e1010753.

Han R, et al. (2021) Coordination through Inhibition: Control of Stabilizing and Updating Circuits in Spatial Orientation Working Memory. *eNeuro*, 8(5).

Matulis CA, et al. (2020) Heterogeneous Temporal Contrast Adaptation in Drosophila Direction-Selective Circuits. *Current biology* : CB, 30(2), 222.

Ni JD, et al. (2019) Differential regulation of the Drosophila sleep homeostat by circadian and arousal inputs. *eLife*, 8.

Shimell M, et al. (2018) Prothoracicotropic hormone modulates environmental adaptive plasticity through the control of developmental timing. *Development (Cambridge, England)*, 145(6).

Yan C, et al. (2018) Microtubule Acetylation Is Required for Mechanosensation in *Drosophila*. *Cell reports*, 25(4), 1051.

Yamada D, et al. (2018) GABAergic Local Interneurons Shape Female Fruit Fly Response to Mating Songs. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(18), 4329.

Petersen M, et al. (2018) Assaying Thermo-nociceptive Behavior in *Drosophila* Larvae. *Bio-protocol*, 8(4), e2737.