

Resource Summary Report

Generated by [Kravitz](#) on Sep 15, 2026

[w\[*\]; P{w\[+mC\]=UAS-TeTxLC.\(-\)V}A2](#)

RRID:BDSC_28840

Type: Organism

Proper Citation

RRID:BDSC_28840

Organism Information

URL: <https://n2t.net/bdsc:28840>

Proper Citation: RRID:BDSC_28840

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-TeTxLC.(-)V}A2 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: 28840

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28840, BDSC:28840, BL28840

Organism Name: w[*]; P{w[+mC]=UAS-TeTxLC.(-)V}A2

Record Creation Time: 20240911T222459+0000

Record Last Update: 20260912T203526+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-TeTxLC.(-)V}A2.

No alerts have been found for w[*]; P{w[+mC]=UAS-TeTxLC.(-)V}A2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Sadanandappa MK, et al. (2026) GAL4-based functional screen of neuropeptides in Drosophila reproduction. PloS one, 21(3), e0345918.

Duan Q, et al. (2025) Deciphering the combinatorial expression pattern and genetic regulatory mechanisms of Beats and Sides in the olfactory circuits of Drosophila. bioRxiv : the preprint server for biology.

Sato DX, et al. (2025) Neurogenomic and behavioral principles shape freezing dynamics and synergistic performance in Drosophila melanogaster. Nature communications, 16(1), 5928.

Sadanandappa MK, et al. (2024) Olfactory inputs regulate Drosophila melanogaster oogenesis. The Journal of experimental biology, 227(24).

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

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.

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

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

Brown EB, et al. (2021) Ir56d-dependent fatty acid responses in Drosophila uncover taste discrimination between different classes of fatty acids. eLife, 10.

Sadanandappa MK, et al. (2021) Neuropeptide F signaling regulates parasitoid-specific germline development and egg-laying in Drosophila. PLoS genetics, 17(3), e1009456.

Yurgel ME, et al. (2019) A single pair of leucokinin neurons are modulated by feeding state and regulate sleep-metabolism interactions. *PLoS biology*, 17(2), e2006409.

Ding K, et al. (2019) Imaging neuropeptide release at synapses with a genetically engineered reporter. *eLife*, 8.

Himmel NJ, et al. (2019) *Drosophila* menthol sensitivity and the Precambrian origins of transient receptor potential-dependent chemosensation. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 374(1785), 20190369.

Jaeger AH, et al. (2018) A complex peripheral code for salt taste in *Drosophila*. *eLife*, 7.

Mercier D, et al. (2018) Olfactory Landmark-Based Communication in Interacting *Drosophila*. *Current biology : CB*, 28(16), 2624.

Mansourian S, et al. (2018) Wild African *Drosophila melanogaster* Are Seasonal Specialists on Marula Fruit. *Current biology : CB*, 28(24), 3960.

Zandawala M, et al. (2018) Modulation of *Drosophila* post-feeding physiology and behavior by the neuropeptide leucokinin. *PLoS genetics*, 14(11), e1007767.

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.

Burgos A, et al. (2018) Nociceptive interneurons control modular motor pathways to promote escape behavior in *Drosophila*. *eLife*, 7.

Lee SS, et al. (2017) Hormonal Signaling Cascade during an Early-Adult Critical Period Required for Courtship Memory Retention in *Drosophila*. *Current biology : CB*, 27(18), 2798.