

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=UAS-TrpA1\(B\).K}attP2/TM6B, Tb\[1\]](#)

RRID:BDSC_26264

Type: Organism

Proper Citation

RRID:BDSC_26264

Organism Information

URL: <https://n2t.net/bdsc:26264>

Proper Citation: RRID:BDSC_26264

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=UAS-TrpA1(B).K}attP2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: y[1] may be present. Donor: Paul Garrity, Brandeis University

Affected Gene: TrpA1, UAS, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 26264

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_26264, BDSC:26264, BL26264

Organism Name: w[*]; P{y[+t7.7] w[+mC]=UAS-TrpA1(B).K}attP2/TM6B, Tb[1]

Record Creation Time: 20240911T222434+0000

Record Last Update: 20260919T202825+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=UAS-TrpA1(B).K}attP2/TM6B, Tb[1].

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=UAS-TrpA1(B).K}attP2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Nallasivan MP, et al. (2026) Sex peptide targets distinct higher order processing neurons in the brain to induce the female post-mating response. eLife, 13.

Orozco Ramirez D, et al. (2025) A Single NPFR Neuropeptide F Receptor Neuron That Regulates Thirst Behaviors in Drosophila. eNeuro, 12(10).

Chvilicek MM, et al. (2025) Alcohol induces long-lasting sleep deficits in Drosophila via subsets of cholinergic neurons. Current biology : CB, 35(5), 1033.

Shekhar S, et al. (2025) Sensory quiescence induces a cell-non-autonomous integrated stress response curbed by condensate formation of the ATF4 and XRP1 effectors. Nature communications, 16(1), 252.

Sengupta S, et al. (2025) High-throughput tracking of freely moving Drosophila reveals variations in aggression and courtship behaviors. Scientific reports, 16(1), 217.

Kunduri G, et al. (2025) Light and temperature sensitive seizures are regulated by spatially distinct cortex glial populations in the central nervous system. bioRxiv : the preprint server for biology.

Sengupta S, et al. (2025) High-Throughput Tracking of Freely Moving Drosophila Reveals Variations in Aggression and Courtship Behaviors. bioRxiv : the preprint server for biology.

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.

Sung H, et al. (2024) Disrupted endoplasmic reticulum-mediated autophagosomal biogenesis in a Drosophila model of C9-ALS-FTD. Autophagy, 20(1), 94.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1),

10819.

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

Axelrod S, et al. (2023) The *Drosophila* blood-brain barrier regulates sleep via Moody G protein-coupled receptor signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(42), e2309331120.

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

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.

Shekhar S, et al. (2023) Visual impairment cell non-autonomously dysregulates brain-wide proteostasis. *bioRxiv : the preprint server for biology*.

Li Y, et al. (2023) Gut AstA mediates sleep deprivation-induced energy wasting in *Drosophila*. *Cell discovery*, 9(1), 49.

Masuzzo A, et al. (2022) Bacteria-Derived Peptidoglycan Triggers a Noncanonical Nuclear Factor- κ B-Dependent Response in *Drosophila* Gustatory Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(41), 7809.

Sengupta S, et al. (2022) GABA transmission from mAL interneurons regulates aggression in *Drosophila* males. *Proceedings of the National Academy of Sciences of the United States of America*, 119(5).

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

Cheriyamkunnel SJ, et al. (2021) A neuronal mechanism controlling the choice between feeding and sexual behaviors in *Drosophila*. *Current biology : CB*, 31(19), 4231.