

Resource Summary Report

Generated by [kravitz2](#) on Aug 7, 2026

[w\[*\]; Mi{Trojan-GAL4.0}ChAT\[MI04508-TG4.0\]
CG7715\[MI04508-TG4.0-X\]/TM6B, Tb\[1\]](#)

RRID:BDSC_60317

Type: Organism

Proper Citation

RRID:BDSC_60317

Organism Information

URL: <https://n2t.net/bdsc:60317>

Proper Citation: RRID:BDSC_60317

Description: Drosophila melanogaster with name w[*]; Mi{Trojan-GAL4.0}ChAT[MI04508-TG4.0] CG7715[MI04508-TG4.0-X]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Benjamin White, NIH, National Institute of Mental Health

Affected Gene: CG7715, ChAT, GAL4, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 60317

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_60317, BL60317

Organism Name: w[*]; Mi{Trojan-GAL4.0}ChAT[MI04508-TG4.0] CG7715[MI04508-TG4.0-X]/TM6B, Tb[1]

Record Creation Time: 20240911T222921+0000

Record Last Update: 20260801T195623+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Mi{Trojan-GAL4.0}ChAT[MI04508-TG4.0] CG7715[MI04508-TG4.0-X]/TM6B, Tb[1].

No alerts have been found for w[*]; Mi{Trojan-GAL4.0}ChAT[MI04508-TG4.0] CG7715[MI04508-TG4.0-X]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yu J, et al. (2025) Genetically-encoded markers for confocal visualization of single dense core vesicles. Communications biology, 8(1), 383.

Jonaitis J, et al. (2025) Differential modulation of feedforward inhibition reflects topographic organization in the olfactory system. Nature communications, 16(1), 11165.

Salman F, et al. (2025) Connectivity of serotonin neurons reveals a constrained inhibitory subnetwork within the olfactory system. bioRxiv : the preprint server for biology.

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

Delandre C, et al. (2025) Dynamic changes in neuronal and glial GAL4 driver expression during Drosophila aging. Genetics, 229(3).

Chvilicek MM, et al. (2024) Large analysis of genetic manipulations reveals an inverse correlation between initial alcohol resistance and rapid tolerance phenotypes. Genes, brain, and behavior, 23(1), e12884.

Cheong HSJ, et al. (2024) Organization of an ascending circuit that conveys flight motor state in Drosophila. Current biology : CB, 34(5), 1059.

Chen N, et al. (2023) Widespread posttranscriptional regulation of cotransmission. Science advances, 9(22), eadg9836.

Sustar A, et al. (2023) Comment on 'A conserved strategy for inducing appendage regeneration in moon jellyfish, Drosophila, and mice'. eLife, 12.

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. eLife, 12.

Chvilicek MM, et al. (2023) Large genetic analysis of alcohol resistance and tolerance reveals an inverse correlation and suggests 'true' tolerance mutants. *bioRxiv : the preprint server for biology*.

Petsakou A, et al. (2023) Epithelial Ca²⁺ waves triggered by enteric neurons heal the gut. *bioRxiv : the preprint server for biology*.

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

Issa AR, et al. (2022) A novel post-developmental role of the Hox genes underlies normal adult behavior. *Proceedings of the National Academy of Sciences of the United States of America*, 119(49), e2209531119.

Estacio-Gómez A, et al. (2020) Dynamic neurotransmitter specific transcription factor expression profiles during *Drosophila* development. *Biology open*, 9(5).

Kele? MF, et al. (2020) Inhibitory Interactions and Columnar Inputs to an Object Motion Detector in *Drosophila*. *Cell reports*, 30(7), 2115.

King LB, et al. (2020) Developmental loss of neurofibromin across distributed neuronal circuits drives excessive grooming in *Drosophila*. *PLoS genetics*, 16(7), e1008920.

Lacin H, et al. (2019) Neurotransmitter identity is acquired in a lineage-restricted manner in the *Drosophila* CNS. *eLife*, 8.

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

Schretter CE, et al. (2018) A gut microbial factor modulates locomotor behaviour in *Drosophila*. *Nature*, 563(7731), 402.