

Resource Summary Report

Generated by [NIF](#) on Aug 15, 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: 20260808T195221+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 [NIF](#) .

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.

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.

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

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.