

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

TI{2A-GAL4}ChAT[2A-GAL4]/TM3, Sb[1]

RRID:BDSC_84618

Type: Organism

Proper Citation

RRID:BDSC_84618

Organism Information

URL: <https://n2t.net/bdsc:84618>

Proper Citation: RRID:BDSC_84618

Description: Drosophila melanogaster with name TI{2A-GAL4}ChAT[2A-GAL4]/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Paul Garrity, Brandeis University & Bowen Deng, National Institute of Biological Sciences; Donor's Source: Yi Rao, National Institute of Biological Sciences

Affected Gene: Sb, ChAT, GAL4

Genomic Alteration: Chromosome 3

Catalog Number: 84618

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84618, BL84618

Organism Name: TI{2A-GAL4}ChAT[2A-GAL4]/TM3, Sb[1]

Record Creation Time: 20240911T223312+0000

Record Last Update: 20260815T192654+0000

Ratings and Alerts

No rating or validation information has been found for TI{2A-GAL4}ChAT[2A-GAL4]/TM3, Sb[1].

No alerts have been found for TI{2A-GAL4}ChAT[2A-GAL4]/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wani AR, et al. (2026) Hormonal control of postmitotic neuronal identity. bioRxiv : the preprint server for biology.

Weiss JT, et al. (2024) Sleep deprivation drives brain-wide changes in cholinergic presynapse abundance in *Drosophila melanogaster*. Proceedings of the National Academy of Sciences of the United States of America, 121(13), e2312664121.

Lewis SA, et al. (2024) eIF2?? phosphorylation evokes dystonia-like movements with D2-receptor and cholinergic origin and abnormal neuronal connectivity. bioRxiv : the preprint server for biology.

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

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitter-related genes characterize the initial stages of neuronal maturation in *Drosophila*. PLoS biology, 21(5), e3002115.

Palmateer CM, et al. (2023) Single-cell transcriptome profiles of *Drosophila* fruitless-expressing neurons from both sexes. eLife, 12.