

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

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

RRID:BDSC_84650

Type: Organism

Proper Citation

RRID:BDSC_84650

Organism Information

URL: <https://n2t.net/bdsc:84650>

Proper Citation: RRID:BDSC_84650

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

Species: Drosophila melanogaster

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

Affected Gene: Sb, GAL4, mAChR-B

Genomic Alteration: Chromosome 3

Catalog Number: 84650

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84650, BL84650

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

Record Creation Time: 20240911T223312+0000

Record Last Update: 20260801T200137+0000

Ratings and Alerts

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

No alerts have been found for TI{2A-GAL4}mAChR-B[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 3 mentions in open access literature.

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

Fukuda A, et al. (2025) Neurotransmitter and Receptor Mapping in Drosophila Circadian Clock Neurons via T2A-GAL4 Screening. Journal of biological rhythms, 40(5), 491.

Samara E, et al. (2025) Columnar cholinergic neurotransmission onto T5 cells of Drosophila. Current biology : CB, 35(6), 1269.

Manoim JE, et al. (2022) Lateral axonal modulation is required for stimulus-specific olfactory conditioning in Drosophila. Current biology : CB, 32(20), 4438.