

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

TI{2A-GAL4}5-HT1B[2A-AD.GAL4]/CyO

RRID:BDSC_84589

Type: Organism

Proper Citation

RRID:BDSC_84589

Organism Information

URL: <https://n2t.net/bdsc:84589>

Proper Citation: RRID:BDSC_84589

Description: Drosophila melanogaster with name TI{2A-GAL4}5-HT1B[2A-AD.GAL4]/CyO 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: 5-HT1B, GAL4

Genomic Alteration: Chromosome 2

Catalog Number: 84589

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84589, BL84589

Organism Name: TI{2A-GAL4}5-HT1B[2A-AD.GAL4]/CyO

Record Creation Time: 20240911T223311+0000

Record Last Update: 20260725T200202+0000

Ratings and Alerts

No rating or validation information has been found for TI{2A-GAL4}5-HT1B[2A-AD.GAL4]/CyO.

No alerts have been found for TI{2A-GAL4}5-HT1B[2A-AD.GAL4]/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chaverra M, et al. (2026) Two classes of amine/glutamate multi-transmitter neurons innervate Drosophila internal male reproductive organs. eLife, 14.

Chaverra M, et al. (2025) Two classes of amine/glutamate multi-transmitter neurons innervate Drosophila internal male reproductive organs. bioRxiv : the preprint server for biology.

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.

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in Drosophila males. Current biology : CB, 33(10), 2034.