

# Resource Summary Report

Generated by [kravitz2](#) on Jul 28, 2026

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

RRID:BDSC\_84589

Type: Organism

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### Proper Citation

RRID:BDSC\_84589

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### 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

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### 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.