

Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

TI{GAL4}5-HT2A[Gal4]

RRID:BDSC_86277

Type: Organism

Proper Citation

RRID:BDSC_86277

Organism Information

URL: <https://n2t.net/bdsc:86277>

Proper Citation: RRID:BDSC_86277

Description: Drosophila melanogaster with name TI{GAL4}5-HT2A[Gal4] from BDSC.

Species: Drosophila melanogaster

Notes: 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-HT2A, GAL4

Genomic Alteration: Chromosome 3

Catalog Number: 86277

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_86277, BL86277

Organism Name: TI{GAL4}5-HT2A[Gal4]

Record Creation Time: 20240911T223328+0000

Record Last Update: 20260725T200222+0000

Ratings and Alerts

No rating or validation information has been found for TI{GAL4}5-HT2A[Gal4].

No alerts have been found for TI{GAL4}5-HT2A[Gal4].

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 [PRECISE-TBI](#) .

Mallick A, et al. (2024) Serotonin acts through multiple cellular targets during an olfactory critical period. iScience, 27(11), 111083.

Gowda SBM, et al. (2023) Serotonin distinctly controls behavioral states in restrained and freely moving Drosophila. iScience, 26(1), 105886.

Chakraborty TS, et al. (2019) Sensory perception of dead conspecifics induces aversive cues and modulates lifespan through serotonin in Drosophila. Nature communications, 10(1), 2365.