

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[TI{2A-GAL4}AstA\[2A-GAL4\]](#)

RRID:BDSC_84593

Type: Organism

Proper Citation

RRID:BDSC_84593

Organism Information

URL: <https://n2t.net/bdsc:84593>

Proper Citation: RRID:BDSC_84593

Description: Drosophila melanogaster with name TI{2A-GAL4}AstA[2A-GAL4] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating w[*]. Donor: Bowen Deng, National Institute of Biological Sciences & Paul Garrity, Brandeis University; Donor's Source: Yi Rao, National Institute of Biological Sciences

Affected Gene: AstA, GAL4

Genomic Alteration: Chromosome 3

Catalog Number: 84593

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84593, BL84593

Organism Name: TI{2A-GAL4}AstA[2A-GAL4]

Record Creation Time: 20240911T223311+0000

Record Last Update: 20260801T200137+0000

Ratings and Alerts

No rating or validation information has been found for TI{2A-GAL4}AstA[2A-GAL4].

No alerts have been found for TI{2A-GAL4}AstA[2A-GAL4].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Deluca A, et al. (2025) Contribution of neurons that express fruitless and Clock transcription factors to behavioral rhythms and courtship. *iScience*, 28(3), 112037.

Held M, et al. (2025) Aminergic and peptidergic modulation of insulin-producing cells in *Drosophila*. *eLife*, 13.

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in *Drosophila*. *PLoS biology*, 23(9), e3003330.

Malita A, et al. (2025) Glia-mediated gut-brain cytokine signaling couples sleep to intestinal inflammatory responses induced by oxidative stress. *eLife*, 13.

Mou Y, et al. (2025) Intermittent Vibration Induces Sleep via an Allatostatin A-GABA Signaling Pathway and Provides Broad Benefits in Alzheimer's Disease Models. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2411768.

Gong J, et al. (2023) TrpA1 is a shear stress mechanosensing channel regulating intestinal stem cell proliferation in *Drosophila*. *Science advances*, 9(21), eadc9660.

Xie Q, et al. (2021) Temporal evolution of single-cell transcriptomes of *Drosophila* olfactory projection neurons. *eLife*, 10.