

Resource Summary Report

Generated by [kravitz2](#) on Sep 6, 2026

Adcy1[rut-1]

RRID:BDSC_9404

Type: Organism

Proper Citation

RRID:BDSC_9404

Organism Information

URL: <https://n2t.net/bdsc:9404>

Proper Citation: RRID:BDSC_9404

Description: Drosophila melanogaster with name Adcy1[rut-1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Ronald Davis, Baylor College of Medicine

Affected Gene: Adcy1

Genomic Alteration: Chromosome 1

Catalog Number: 9404

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9404, BDSC:9404, BL9404

Organism Name: Adcy1[rut-1]

Record Creation Time: 20240911T222224+0000

Record Last Update: 20260905T135900+0000

Ratings and Alerts

No rating or validation information has been found for Adcy1[rut-1].

No alerts have been found for Adcy1[rut-1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Aziz MC, et al. (2026) A drug repurposing screen reveals dopamine signaling as a candidate therapeutic pathway for PIGA-CDG. bioRxiv : the preprint server for biology.

Andreatta G, et al. (2025) Cold-Sensing TRP Channels and Temperature Preference Modulate Ovarian Development in the Model Organism *Drosophila melanogaster*. International journal of molecular sciences, 26(12).

Jeong J, et al. (2024) Drosulfakinin signaling encodes early-life memory for adaptive social plasticity. eLife, 13.

Ganguly A, et al. (2020) Serotonin receptor 5-HT7 in *Drosophila* mushroom body neurons mediates larval appetitive olfactory learning. Scientific reports, 10(1), 21267.

Krause T, et al. (2019) *Drosophila* Acquires a Long-Lasting Body-Size Memory from Visual Feedback. Current biology : CB, 29(11), 1833.

Stern U, et al. (2019) Learning a Spatial Task by Trial and Error in *Drosophila*. Current biology : CB, 29(15), 2517.