

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

TI{2A-GAL4}Tk[2A-GAL4]

RRID:BDSC_84693

Type: Organism

Proper Citation

RRID:BDSC_84693

Organism Information

URL: <https://n2t.net/bdsc:84693>

Proper Citation: RRID:BDSC_84693

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

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Bowen Deng, National Institute of Biological Sciences & Paul Garrity, Brandeis University; Donor's Source: Yi Rao, National Institute of Biological Sciences

Affected Gene: GAL4, Tk

Genomic Alteration: Chromosome 3

Catalog Number: 84693

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84693, BL84693

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

Record Creation Time: 20240911T223312+0000

Record Last Update: 20260815T192655+0000

Ratings and Alerts

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

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

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 [dkNET](#) .

Kubrak O, et al. (2026) Gut hormone signaling drives sex differences in metabolism and behavior. *Molecular metabolism*, 103, 102312.

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

Lyu C, et al. (2025) Dimensionality reduction simplifies synaptic partner matching in an olfactory circuit. *Science (New York, N.Y.)*, 388(6746), 538.

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

Kashio S, et al. (2023) Involvement of neuronal tachykinin-like receptor at 86C in *Drosophila* disc repair via regulation of kynurenine metabolism. *iScience*, 26(9), 107553.

Liu X, et al. (2022) Microbes affect gut epithelial cell composition through immune-dependent regulation of intestinal stem cell differentiation. *Cell reports*, 38(13), 110572.