Resource Summary Report

Generated by RRID on Aug 3, 2026

TI{2A-GAL4}VGlut1[2A-GAL4]/CyO

RRID:BDSC_84697
Type: Organism

Proper Citation

RRID:BDSC_84697

Organism Information

URL: https://n2t.net/bdsc:84697

Proper Citation: RRID:BDSC_84697

Description: Drosophila melanogaster with name TI{2A-GAL4}VGlut1[2A-GAL4]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: 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, VGlut1

Genomic Alteration: Chromosome 2

Catalog Number: 84697

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84697, BL84697

Organism Name: TI{2A-GAL4}VGlut1[2A-GAL4]/CyO

Record Creation Time: 20240911T223313+0000

Record Last Update: 20260801T200138+0000

Ratings and Alerts

No rating or validation information has been found for TI{2A-GAL4}VGlut1[2A-GAL4]/CyO.

No alerts have been found for TI{2A-GAL4}VGlut1[2A-GAL4]/CyO.

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 RRID .

Chvilicek MM, et al. (2025) Alcohol induces long-lasting sleep deficits in Drosophila via subsets of cholinergic neurons. Current biology : CB, 35(5), 1033.

Chvilicek MM, et al. (2024) Large analysis of genetic manipulations reveals an inverse correlation between initial alcohol resistance and rapid tolerance phenotypes. Genes, brain, and behavior, 23(1), e12884.

Lewis SA, et al. (2024) eIF2?? phosphorylation evokes dystonia-like movements with D2-receptor and cholinergic origin and abnormal neuronal connectivity. bioRxiv : the preprint server for biology.

Palmateer CM, et al. (2023) Single-cell transcriptome profiles of Drosophila fruitless-expressing neurons from both sexes. eLife, 12.

Chvilicek MM, et al. (2023) Large genetic analysis of alcohol resistance and tolerance reveals an inverse correlation and suggests 'true' tolerance mutants. bioRxiv : the preprint server for biology.

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitter-related genes characterize the initial stages of neuronal maturation in Drosophila. PLoS biology, 21(5), e3002115.