

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.