

# Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

[w\[\\*\]; P{w\[+mC\]=VGAT-GAL4.F}3](#)

RRID:BDSC\_58409

Type: Organism

## Proper Citation

RRID:BDSC\_58409

## Organism Information

**URL:** <https://n2t.net/bdsc:58409>

**Proper Citation:** RRID:BDSC\_58409

**Description:** Drosophila melanogaster with name w[\*]; P{w[+mC]=VGAT-GAL4.F}3 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: David Krantz, University of California, Los Angeles; Donor's Source: Julie Simpson, Howard Hughes Medical Institute, Janelia Research Campus

**Affected Gene:** GAL4, VGAT, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 58409

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_58409, BL58409

**Organism Name:** w[\*]; P{w[+mC]=VGAT-GAL4.F}3

**Record Creation Time:** 20240911T222903+0000

**Record Last Update:** 20260801T195554+0000

## Ratings and Alerts

No rating or validation information has been found for w[\*]; P{w[+mC]=VGAT-GAL4.F}3.

No alerts have been found for w[\*]; P{w[+mC]=VGAT-GAL4.F}3.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## 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*.

Yip C, et al. (2024) Neuronal E93 is required for adaptation to adult metabolism and behavior. *Molecular metabolism*, 84, 101939.

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*.

Kim JH, et al. (2020) The voltage-gated potassium channel Shaker promotes sleep via thermosensitive GABA transmission. *Communications biology*, 3(1), 174.