Resource Summary Report

Generated by dkNET on Jul 29, 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: 20260725T195701+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.

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 .

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.

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

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.

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.