

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

[w\[*\]; P{w\[+m*\]=alrm-GAL4.D}3/CyO; Dr\[1\]/TM3, Sb\[1\]](#)

RRID:BDSC_67031

Type: Organism

Proper Citation

RRID:BDSC_67031

Organism Information

URL: <https://n2t.net/bdsc:67031>

Proper Citation: RRID:BDSC_67031

Description: Drosophila melanogaster with name w[*]; P{w[+m*]=alrm-GAL4.D}3/CyO; Dr[1]/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Marc Freeman, University of Massachusetts Medical School

Affected Gene: Dr, alrm, GAL4, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 67031

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67031, BL67031

Organism Name: w[*]; P{w[+m*]=alrm-GAL4.D}3/CyO; Dr[1]/TM3, Sb[1]

Record Creation Time: 20240911T223025+0000

Record Last Update: 20260815T192328+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+m*]=alrm-GAL4.D}3/CyO; Dr[1]/TM3, Sb[1].

No alerts have been found for w[*]; P{w[+m*]=alrm-GAL4.D}3/CyO; Dr[1]/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Lee EH, et al. (2026) Starve-Feed Cycles Direct Quiescence to Proliferation Transitions in Drosophila Follicle Stem Cells via Transcriptional Regulation. bioRxiv : the preprint server for biology.

Shah N, et al. (2025) Pathogenic variants at the N-terminal arginine residue 44 disrupt human GABA transporter 1 function: insights from Drosophila epilepsy models. Frontiers in pharmacology, 16, 1674737.

Chen R, et al. (2025) Contribution of glial inwardly rectifying potassium (Kir) channels to potassium buffering in insect neural systems. iScience, 28(9), 113316.

Castañeda-Sampedro A, et al. (2025) Cell-specific genetic expression profile of antennal glia in Drosophila reveals candidate genes in neuron-glia interactions. Scientific reports, 15(1), 5493.

Shah N, et al. (2025) Rescue of Epilepsy-Associated Mutations of the Highly Conserved Glycine Residue 443 in the Human GABA Transporter 1. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(11), e70614.

Lago-Baldaia I, et al. (2023) A Drosophila glial cell atlas reveals a mismatch between transcriptional and morphological diversity. PLoS biology, 21(10), e3002328.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. Cell reports, 42(2), 112117.

Prokhorenko MA, et al. (2023) Astrocyte store-operated calcium entry is required for centrally mediated neuropathic pain. bioRxiv : the preprint server for biology.

Vaughen JP, et al. (2022) Glial control of sphingolipid levels sculpts diurnal remodeling in a circadian circuit. Neuron, 110(19), 3186.

Weiss S, et al. (2022) Glial ER and GAP junction mediated Ca²⁺ waves are crucial to maintain normal brain excitability. *Glia*, 70(1), 123.

Kasture AS, et al. (2022) *Drosophila melanogaster* as a model for unraveling unique molecular features of epilepsy elicited by human GABA transporter 1 variants. *Frontiers in neuroscience*, 16, 1074427.

Yin J, et al. (2021) Brain-specific lipoprotein receptors interact with astrocyte derived apolipoprotein and mediate neuron-glia lipid shuttling. *Nature communications*, 12(1), 2408.

Park YJ, et al. (2021) Phosphatidylserine synthase plays an essential role in glia and affects development, as well as the maintenance of neuronal function. *iScience*, 24(8), 102899.

Gonçalves-Pimentel C, et al. (2020) A miRNA screen procedure identifies garz as an essential factor in adult glia functions and validates *Drosophila* as a beneficial 3Rs model to study glial functions and GBF1 biology. *F1000Research*, 9, 317.

Bason M, et al. (2019) Astrocytic expression of the chaperone DNAJB6 results in non-cell autonomous protection in Huntington's disease. *Neurobiology of disease*, 124, 108.

Alyagor I, et al. (2018) Combining Developmental and Perturbation-Seq Uncovers Transcriptional Modules Orchestrating Neuronal Remodeling. *Developmental cell*, 47(1), 38.

Li YX, et al. (2018) Inhibition of NF- κ B in astrocytes is sufficient to delay neurodegeneration induced by proteotoxicity in neurons. *Journal of neuroinflammation*, 15(1), 261.

Enriquez J, et al. (2018) Differing Strategies Despite Shared Lineages of Motor Neurons and Glia to Achieve Robust Development of an Adult Neuropil in *Drosophila*. *Neuron*, 97(3), 538.