

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[w\[*\]; wg\[Sp-1\]/CyO; P{w\[+m*\]=alrm-GAL4.D}2](#)

RRID:BDSC_67032

Type: Organism

Proper Citation

RRID:BDSC_67032

Organism Information

URL: <https://n2t.net/bdsc:67032>

Proper Citation: RRID:BDSC_67032

Description: Drosophila melanogaster with name w[*]; wg[Sp-1]/CyO; P{w[+m*]=alrm-GAL4.D}2 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: alrm, GAL4, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 67032

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67032, BL67032

Organism Name: w[*]; wg[Sp-1]/CyO; P{w[+m*]=alrm-GAL4.D}2

Record Creation Time: 20240911T223025+0000

Record Last Update: 20260801T195754+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; wg[Sp-1]/CyO; P{w[+m*]=alrm-GAL4.D}2.

No alerts have been found for w[*]; wg[Sp-1]/CyO; P{w[+m*]=alrm-GAL4.D}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Tourni??re O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Keret S, et al. (2025) A Drosophila screen of schizophrenia genes highlights neural and glial MMPs in neuronal remodeling. *Life science alliance*, 8(12).

Das A, et al. (2025) Peroxisomal import is circadian in glia and regulates sleep and lipid metabolism. *bioRxiv : the preprint server for biology*.

Lin J, et al. (2025) Microproteins Simba1 and Simba2 activate Wingless signaling during the reactivation of neural stem cells in Drosophila. *Nature communications*, 16(1), 11651.

Casas-Tinto S, et al. (2025) Adult neurogenesis through glial transdifferentiation in a CNS injury paradigm. *eLife*, 13.

Tenedini FM, et al. (2025) Inflammatory cytokine upd3 induces axon length-dependent synapse removal by glia. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2422752122.

Chang YC, et al. (2025) Peripheral glia and neurons jointly regulate activity-induced synaptic remodeling at the Drosophila neuromuscular junction. *eLife*, 14.

Davis GH, et al. (2024) Impairment of the Glial Phagolysosomal System Drives Prion-Like Propagation in a Drosophila Model of Huntington's Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(20).

Lin KY, et al. (2024) Astrocytes control quiescent NSC reactivation via GPCR signaling-mediated F-actin remodeling. *Science advances*, 10(30), ead14694.

Davis GH, et al. (2024) Impairment of the glial phagolysosomal system drives prion-like propagation in a Drosophila model of Huntington's disease. *bioRxiv : the preprint server for biology*.

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*.

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

Davis J, et al. (2022) Vexed mutations promote degeneration of dopaminergic neurons through excessive activation of the innate immune response. *NPJ Parkinson's disease*, 8(1), 147.

Damulewicz M, et al. (2022) Glia-Neurons Cross-Talk Regulated Through Autophagy. *Frontiers in physiology*, 13, 886273.

Damulewicz M, et al. (2022) The Role of Glia Clocks in the Regulation of Sleep in *Drosophila melanogaster*. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(36), 6848.

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

Lin YE, et al. (2021) Glial Nrf2 signaling mediates the neuroprotection exerted by *Gastrodia elata* Blume in Lrrk2-G2019S Parkinson's disease. *eLife*, 10.

Blum ID, et al. (2021) Astroglial Calcium Signaling Encodes Sleep Need in *Drosophila*. *Current biology : CB*, 31(1), 150.

Ramakrishnan A, et al. (2021) Gap junction protein Innexin2 modulates the period of free-running rhythms in *Drosophila melanogaster*. *iScience*, 24(9), 103011.