

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

w[1118]; P{GMR-GAL4.w[-]}2/CyO

RRID:BDSC_9146

Type: Organism

Proper Citation

RRID:BDSC_9146

Organism Information

URL: <https://n2t.net/bdsc:9146>

Proper Citation: RRID:BDSC_9146

Description: Drosophila melanogaster with name w[1118]; P{GMR-GAL4.w[-]}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jean-Maurice Dura, French Institute of Health and Medical Research;
Donor's Source: Laurent Theodore, University of Paris-Saclay

Affected Gene: GAL4, GMR, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9146

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9146, BL9146

Organism Name: w[1118]; P{GMR-GAL4.w[-]}2/CyO

Record Creation Time: 20240911T222222+0000

Record Last Update: 20260808T194346+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{GMR-GAL4.w[-]}2/CyO.

No alerts have been found for w[1118]; P{GMR-GAL4.w[-]}2/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Harper NS, et al. (2026) Targeting the integrated stress response or Ataxin-2 alleviates neurodegeneration in PolyGR models of C9orf72 associated frontotemporal dementia and amyotrophic lateral sclerosis. *Acta neuropathologica communications*, 14(1).

Giblin A, et al. (2025) Neuronal polyunsaturated fatty acids are protective in ALS/FTD. *Nature neuroscience*, 28(4), 737.

Sun Y, et al. (2025) Genetic screening reveals cone cell-specific factors as common genetic targets modulating rival-induced prolonged mating in male *Drosophila melanogaster*. *G3 (Bethesda, Md.)*, 15(1).

Delage S, et al. (2025) *Drosophila* SPARC collagen IV chaperone-like activity essential for development is unique to the fat body. *iScience*, 28(4), 112111.

Oka M, et al. (2025) Glucose uptake in pigment glia suppresses Tau-induced inflammation and photoreceptor degeneration. *Disease models & mechanisms*, 18(4).

Periasamy A, et al. (2025) Structure of an ex vivo *Drosophila* TOM complex determined by single-particle cryoEM. *IUCrJ*, 12(Pt 1), 49.

Martinez P, et al. (2025) Phosphorylation at serine 214 correlates with tau seeding activity in an age-dependent manner in two mouse models for tauopathies and is required for tau transsynaptic propagation. *Journal of Alzheimer's disease : JAD*, 107(4), 1706.

Hsiao CT, et al. (2025) Restoration of Shal/KV4 proteostasis and motor function in a *Drosophila* model of spinocerebellar ataxia type 19/22. *Cellular and molecular life sciences : CMLS*, 82(1), 181.

Zeger M, et al. (2024) tsCRISPR based identification of Rab proteins required for the recycling of *Drosophila* TRPL ion channel. *Frontiers in cell and developmental biology*, 12, 1444953.

Mitchell KA, et al. (2024) The JNK and Hippo pathways control epithelial integrity and prevent tumor initiation by regulating an overlapping transcriptome. *Current biology : CB*,

34(17), 3966.

Halim DO, et al. (2024) The exocyst subunit EXOC2 regulates the toxicity of expanded GGGGCC repeats in C9ORF72-ALS/FTD. *Cell reports*, 43(7), 114375.

Rosa-Birriel C, et al. (2024) Medioapical contractile pulses coordinated between cells regulate *Drosophila* eye morphogenesis. *The Journal of cell biology*, 223(2).

Sardina F, et al. (2024) Cul-4 inhibition rescues spastin levels and reduces defects in hereditary spastic paraplegia models. *Brain : a journal of neurology*, 147(10), 3534.

Jang S, et al. (2024) Neuronal fatty acid-binding protein enhances autophagy and suppresses amyloid- β pathology in a *Drosophila* model of Alzheimer's disease. *PLoS genetics*, 20(11), e1011475.

Dubey SK, et al. (2024) Disrupted nuclear import of cell cycle proteins in Huntington's/PolyQ disease causes neurodevelopment defects in cellular and *Drosophila* model. *Heliyon*, 10(4), e26393.

Milioto C, et al. (2024) PolyGR and polyPR knock-in mice reveal a conserved neuroprotective extracellular matrix signature in C9orf72 ALS/FTD neurons. *Nature neuroscience*, 27(4), 643.

Matsuura-Suzuki E, et al. (2024) miRNA-mediated gene silencing in *Drosophila* larval development involves GW182-dependent and independent mechanisms. *The EMBO journal*, 43(23), 6161.

Catterson JH, et al. (2023) Protein retention in the endoplasmic reticulum rescues A β toxicity in *Drosophila*. *Neurobiology of aging*, 132, 154.

Min Y, et al. (2023) Cross species systems biology discovers glial DDR2, STOM, and KANK2 as therapeutic targets in progressive supranuclear palsy. *Nature communications*, 14(1), 6801.

Zhao B, et al. (2023) Targeting RACK1 to alleviate TDP-43 and FUS proteinopathy-mediated suppression of protein translation and neurodegeneration. *Acta neuropathologica communications*, 11(1), 200.