

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

[w\[1118\]; P{w\[+mC\]=repo-Gal4.L}Oatp30B\[repoF3\]](#)

RRID:BDSC_602908

Type: Organism

Proper Citation

RRID:BDSC_602908

Organism Information

URL: <https://n2t.net/bdsc:602908>

Proper Citation: RRID:BDSC_602908

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=repo-Gal4.L}Oatp30B[repoF3] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christian Klaembt, University of Munster

Affected Gene: GAL4, repo, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 602908

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_602908, BL602908

Organism Name: w[1118]; P{w[+mC]=repo-Gal4.L}Oatp30B[repoF3]

Record Creation Time: 20240911T223610+0000

Record Last Update: 20260801T200536+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=repo-Gal4.L}Oatp30B[repoF3].

No alerts have been found for w[1118]; P{w[+mC]=repo-Gal4.L}Oatp30B[repoF3].

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 [RRID](#) .

Girard V, et al. (2026) ShineGAL4 drivers for tissue and cell-type specific optogenetics in Drosophila. *Development* (Cambridge, England), 153(4).

Scala M, et al. (2026) ASAH2 deficiency affects sphingolipid homeostasis and neuromotor control, causing a progressive neurological disorder. *HGG advances*, 7(2), 100587.

Zhang J, et al. (2026) Sleep rescues age-associated loss of glial engulfment. *PLoS genetics*, 22(1), e1011999.

Terry BK, et al. (2026) Individuals with reported and novel KDM5C variants present with seizures, a feature recapitulated in a Drosophila model. *Human molecular genetics*, 35(4).

Parra-Torres M, et al. (2026) Aberrant NSUN1 activity connects m5C-RNA modification to TDP-43 neurotoxicity in ALS/FTD. *Life science alliance*, 9(1).

Rai M, et al. (2026) Drosophila melanogaster lactate dehydrogenase deficiency recapitulates the exercise intolerance of human glycogen storage disease type XI. *bioRxiv* : the preprint server for biology.

Imura E, et al. (2025) Steroid hormone-dependent glial-neuronal interaction promotes brain development during Drosophila metamorphosis. *bioRxiv* : the preprint server for biology.

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).

Jung G, et al. (2025) Role of repulsive guidance signaling and GPR180 in pediatric low-grade glioma infiltration. *NPJ precision oncology*, 9(1), 344.

Moe SM, et al. (2025) MiR-92 Controls Synaptic Development Through Glial Vha55 Regulation. *Biomolecules*, 15(9).

Thakur D, et al. (2025) Control of odor sensation by light and cryptochrome in the *Drosophila* antenna. *iScience*, 28(5), 112443.

Sodders M, et al. (2025) Glial peroxisome dysfunction induces axonal swelling and neuroinflammation in *Drosophila*. *G3* (Bethesda, Md.), 15(1).

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

Wang L, et al. (2025) New Atg9 Phosphorylation Sites Regulate Autophagic Trafficking in Glia. *ASN neuro*, 17(1), 2443442.

Zhang S, et al. (2025) *Drosophila* aux orchestrates the phosphorylation-dependent assembly of the lysosomal V-ATPase in glia and contributes to SNCA/??-synuclein degradation. *Autophagy*, 21(5), 1039.

Narbonne-Reveau K, et al. (2025) In vivo AGO-APP identifies a module of microRNAs cooperatively preserving neural progenitors. *PLoS genetics*, 21(4), e1011680.

Miao H, et al. (2025) The foraging gene coordinates brain and heart networks to modulate socially cued interval timing in *Drosophila*. *PLoS genetics*, 21(7), e1011752.

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.

Hailstock T, et al. (2025) The CPEB ortholog Orb2 regulates brain size through the TRIM-NHL RNA-binding protein, Brain tumor. *bioRxiv : the preprint server for biology*.

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in *Drosophila*. *PLoS biology*, 23(9), e3003330.