

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR94G06-GAL4}attP2](#)

RRID:BDSC_40701

Type: Organism

Proper Citation

RRID:BDSC_40701

Organism Information

URL: <https://n2t.net/bdsc:40701>

Proper Citation: RRID:BDSC_40701

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR94G06-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: See https://bdsc.indiana.edu/stocks/gal4/gal4_janelia_info.html for important information. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: dpr4, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 40701

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_40701, BL40701

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR94G06-GAL4}attP2

Record Creation Time: 20240911T222647+0000

Record Last Update: 20260801T195252+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR94G06-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR94G06-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Akbergenova Y, et al. (2025) Active zone maturation state controls synaptic output and release mode and is differentially regulated by neuronal activity. bioRxiv : the preprint server for biology.

Crane AB, et al. (2025) A stochastic RNA editing process targets a select number of sites in individual Drosophila glutamatergic motoneurons. eLife, 14.

Sobrido-Cameán D, et al. (2025) Mitochondrial ROS and HIF-1 α signaling mediate synaptic plasticity in the critical period. PLoS biology, 23(8), e3003338.

Akbergenova Y, et al. (2025) Active Zone Maturation Controls Presynaptic Output and Release Mode and Is Regulated by Neuronal Activity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(48).

Crane AB, et al. (2024) A stochastic RNA editing process targets a limited number of sites in individual Drosophila glutamatergic motoneurons. bioRxiv : the preprint server for biology.

Guss EJ, et al. (2023) Loss of the extracellular matrix protein Perlecan disrupts axonal and synaptic stability during Drosophila development. eLife, 12.

Jetti SK, et al. (2023) Molecular Logic of Synaptic Diversity Between Drosophila Tonic and Phasic Motoneurons. bioRxiv : the preprint server for biology.

Rey S, et al. (2023) Glial-dependent clustering of voltage-gated ion channels in Drosophila precedes myelin formation. eLife, 12.

Jetti SK, et al. (2023) Molecular logic of synaptic diversity between Drosophila tonic and phasic motoneurons. Neuron, 111(22), 3554.

Cunningham KL, et al. (2022) Regulation of presynaptic Ca²⁺ channel abundance at active zones through a balance of delivery and turnover. eLife, 11.

Sauvola CW, et al. (2021) The decoy SNARE Tomosyn sets tonic versus phasic release properties and is required for homeostatic synaptic plasticity. *eLife*, 10.

Oliva MK, et al. (2020) Endoplasmic Reticulum Lumenal Indicators in *Drosophila* Reveal Effects of HSP-Related Mutations on Endoplasmic Reticulum Calcium Dynamics. *Frontiers in neuroscience*, 14, 816.

Genç Ö, et al. (2020) Homeostatic plasticity fails at the intersection of autism-gene mutations and a novel class of common genetic modifiers. *eLife*, 9.

Aponte-Santiago NA, et al. (2020) Synaptic Plasticity Induced by Differential Manipulation of Tonic and Phasic Motoneurons in *Drosophila*. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(33), 6270.

Genç Ö, et al. (2019) Target-wide Induction and Synapse Type-Specific Robustness of Presynaptic Homeostasis. *Current biology : CB*, 29(22), 3863.

Liu K, et al. (2019) PI31 Is an Adaptor Protein for Proteasome Transport in Axons and Required for Synaptic Development. *Developmental cell*, 50(4), 509.

Pérez-Moreno JJ, et al. (2019) GAL4 Drivers Specific for Type Ib and Type Is Motor Neurons in *Drosophila*. *G3 (Bethesda, Md.)*, 9(2), 453.