

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR42F06-GAL4}attP2](#)

RRID:BDSC_41253

Type: Organism

Proper Citation

RRID:BDSC_41253

Organism Information

URL: <https://n2t.net/bdsc:41253>

Proper Citation: RRID:BDSC_41253

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR42F06-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: bab2, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 41253

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41253, BL41253

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR42F06-GAL4}attP2

Record Creation Time: 20240911T222652+0000

Record Last Update: 20260815T191848+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR42F06-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR42F06-GAL4}attP2.

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 [NIF](#) .

Samara E, et al. (2025) Columnar cholinergic neurotransmission onto T5 cells of Drosophila. *Current biology* : CB, 35(6), 1269.

Carrier Y, et al. (2024) Biased cell adhesion organizes the Drosophila visual motion integration circuit. *Developmental cell*.

Sanfilippo P, et al. (2024) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. *Neuron*, 112(6), 942.

Sigmund F, et al. (2023) Genetically encoded barcodes for correlative volume electron microscopy. *Nature biotechnology*, 41(12), 1734.

Zhao Y, et al. (2023) Direction Selectivity of TmY Neurites in Drosophila. *Neuroscience bulletin*, 39(5), 759.

Mano O, et al. (2023) Long-timescale anti-directional rotation in Drosophila optomotor behavior. *eLife*, 12.

Mano O, et al. (2023) Long timescale anti-directional rotation in Drosophila optomotor behavior. *bioRxiv* : the preprint server for biology.

Bailly TPM, et al. (2023) Social modulation of oogenesis and egg laying in Drosophila melanogaster. *Current biology* : CB, 33(14), 2865.

Xu S, et al. (2022) Affinity requirements for control of synaptic targeting and neuronal cell survival by heterophilic IgSF cell adhesion molecules. *Cell reports*, 39(1), 110618.

Li Q, et al. (2021) insomniac links the development and function of a sleep-regulatory circuit. *eLife*, 10.

Matulis CA, et al. (2020) Heterogeneous Temporal Contrast Adaptation in Drosophila Direction-Selective Circuits. *Current biology* : CB, 30(2), 222.

Han X, et al. (2020) DWnt4 and DWnt10 Regulate Morphogenesis and Arrangement of Columnar Units via Fz2/PCP Signaling in the Drosophila Brain. *Cell reports*, 33(4), 108305.

Hörmann N, et al. (2020) A combinatorial code of transcription factors specifies subtypes of visual motion-sensing neurons in Drosophila. *Development (Cambridge, England)*, 147(9).

Trush O, et al. (2019) N-Cadherin Orchestrates Self-Organization of Neurons within a Columnar Unit in the Drosophila Medulla. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(30), 5861.

Xu S, et al. (2018) Interactions between the Ig-Superfamily Proteins DIP-? and Dpr6/10 Regulate Assembly of Neural Circuits. *Neuron*, 100(6), 1369.

Salazar-Gatzimas E, et al. (2018) The Neuronal Basis of an Illusory Motion Percept Is Explained by Decorrelation of Parallel Motion Pathways. *Current biology : CB*, 28(23), 3748.

Creamer MS, et al. (2018) Visual Control of Walking Speed in Drosophila. *Neuron*, 100(6), 1460.

Barnhart EL, et al. (2018) Sequential Nonlinear Filtering of Local Motion Cues by Global Motion Circuits. *Neuron*, 100(1), 229.