

Resource Summary Report

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

[w\[1118\]; P{w\[+mW.hs\]=GawB}VGlut1\[OK371\]](#)

RRID:BDSC_26160

Type: Organism

Proper Citation

RRID:BDSC_26160

Organism Information

URL: <https://n2t.net/bdsc:26160>

Proper Citation: RRID:BDSC_26160

Description: Drosophila melanogaster with name w[1118]; P{w[+mW.hs]=GawB}VGlut1[OK371] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hermann Aberle, University of Munster

Affected Gene: GAL4, VGlut1, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 26160

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_26160, BL26160

Organism Name: w[1118]; P{w[+mW.hs]=GawB}VGlut1[OK371]

Record Creation Time: 20240911T222433+0000

Record Last Update: 20260801T194954+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
P{w[+mW.hs]=GawB}VGlut1[OK371].

No alerts have been found for w[1118]; P{w[+mW.hs]=GawB}VGlut1[OK371].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 123 mentions in open access literature.

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

Okamoto N, et al. (2026) Neuroendocrine control of calcium mobilization in the fruit fly. *Nature*, 649(8095), 122.

Avishai G, et al. (2025) Differential dopaminergic modulation of the antennal lobe of *Drosophila melanogaster*. *Communications biology*, 8(1), 1555.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in *Drosophila*. *Development (Cambridge, England)*, 152(9).

Simoncek AM, et al. (2025) Tissue-specific I-Smad mechanisms revealed by structure-function analysis in *Drosophila*. *bioRxiv : the preprint server for biology*.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within *Drosophila* mushroom body neurons. *PLoS biology*, 23(10), e3003449.

Lei C, et al. (2025) Quantitative and site-specific chemoproteomic profiling of O-GlcNAcylation in *Drosophila*. *Bioorganic & medicinal chemistry*, 124, 118191.

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in *Drosophila melanogaster*. *Current biology : CB*, 35(17), 4188.

Gupta HP, et al. (2025) Decoding neuronal wiring by joint inference of cell identity and synaptic connectivity. *bioRxiv : the preprint server for biology*.

Mora N, et al. (2025) Glycyl-tRNA sequestration is a unifying mechanism underlying GARS1-associated peripheral neuropathy. *Nucleic acids research*, 53(6).

Hiramatsu S, et al. (2025) Synaptic enrichment and dynamic regulation of the two opposing dopamine receptors within the same neurons. *eLife*, 13.

Aavula K, et al. (2025) Regulation of miR-219 and its target RalGPS dictates acute synaptic plasticity at the *Drosophila* neuromuscular junction. *bioRxiv : the preprint server*

for biology.

Hsiao CT, et al. (2025) A fly model of SCA36 reveals combinatorial neurotoxicity of hexanucleotide and dipeptide repeats. *PLoS genetics*, 21(12), e1011954.

Kautzmann S, et al. (2025) Cholinergic and Glutamatergic Axons Differentially Require Glial Support in the *Drosophila* PNS. *Glia*, 73(7), 1365.

Bretscher H, et al. (2025) Glycogen homeostasis and mitochondrial DNA expression require motor neuron to muscle TGF- β /Activin signaling in *Drosophila*. *iScience*, 28(1), 111611.

Meimoun NS, et al. (2025) GABAergic neurons are a key cell type in a *Drosophila* model of PARK14/PLA2G6-associated neurodegeneration. *Frontiers in neuroscience*, 19, 1534243.

Ott S, et al. (2024) Kalium channelrhodopsins effectively inhibit neurons. *Nature communications*, 15(1), 3480.

Sidisky JM, et al. (2024) Synaptic defects in a *drosophila* model of muscular dystrophy. *Frontiers in cellular neuroscience*, 18, 1381112.

Ho DM, et al. (2024) cAMP/PKA signaling regulates TDP-43 aggregation and mislocalization. *Proceedings of the National Academy of Sciences of the United States of America*, 121(24), e2400732121.

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.

Mallik B, et al. (2024) Mitochondrial Complex I and ROS control synapse function through opposing pre- and postsynaptic mechanisms. *bioRxiv : the preprint server for biology*.