

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 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: 20260815T191557+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 134 mentions in open access literature.

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

Mallik B, et al. (2026) An ArfGAP-dependent signaling modulates synaptic plasticity via IP3-regulated calcium release from the endoplasmic reticulum. PLoS genetics, 22(1), e1012031.

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

Karmelic D, et al. (2026) Homeostatic preservation of action potential waveform by Notch and Nerfin-1. Current biology : CB, 36(5), 1166.

Miller-Fleming L, et al. (2026) An optimized translating ribosome affinity purification protocol for low-abundance Drosophila tissues. iScience, 29(5), 115530.

Duan X, et al. (2026) Stabilized Ion Selectivity Corrects Activation Drift in Kalium Channelrhodopsins. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(6), e09180.

Coll-Tané M, et al. (2026) Conserved sleep disturbances in FOXP1 syndrome originate from developmental dysregulation of peptidergic signaling. The Journal of clinical investigation, 136(7).

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.

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

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

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

Nair AG, et al. (2025) Presynaptic quantal size enhancement counteracts post-tetanic release depression. *The Journal of physiology*, 603(20), 6051.

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.

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.

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.

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.

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