

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

w[1118]; P{w[+mC]=Mhc-SynapGCaMP6f}3-5

RRID:BDSC_67739

Type: Organism

Proper Citation

RRID:BDSC_67739

Organism Information

URL: <https://n2t.net/bdsc:67739>

Proper Citation: RRID:BDSC_67739

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Mhc-SynapGCaMP6f}3-5 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Ehud Isacoff & Zachary Newman, University of California, Berkeley

Affected Gene: GCaMP6f, Mhc, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 67739

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67739, BL67739

Organism Name: w[1118]; P{w[+mC]=Mhc-SynapGCaMP6f}3-5

Record Creation Time: 20240911T223032+0000

Record Last Update: 20260829T190703+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Mhc-SynapGCaMP6f}3-5.

No alerts have been found for w[1118]; P{w[+mC]=Mhc-SynapGCaMP6f}3-5.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Patel AA, et al. (2025) Neural substrates of cold nociception in Drosophila larva. eLife, 12.

von Saucken VE, et al. (2025) Postsynaptic BMP signaling regulates myonuclear properties in Drosophila larval muscles. The Journal of cell biology, 224(1).

Aghi K, et al. (2025) Balanced synapse-to-synapse short-term plasticity ensures constant transmitter release. Current biology : CB, 35(12), 2881.

von Saucken VE, et al. (2024) Postsynaptic BMP signaling regulates myonuclear properties in Drosophila larval muscles. bioRxiv : the preprint server for biology.

Patel AA, et al. (2023) Neural substrates of cold nociception in Drosophila larva. bioRxiv : the preprint server for biology.

Kobbersmed JR, et al. (2020) Rapid regulation of vesicle priming explains synaptic facilitation despite heterogeneous vesicle:Ca²⁺ channel distances. eLife, 9.

Meng JL, et al. (2020) Temporal transcription factors determine circuit membership by permanently altering motor neuron-to-muscle synaptic partnerships. eLife, 9.

Meng JL, et al. (2019) How prolonged expression of Hunchback, a temporal transcription factor, re-wires locomotor circuits. eLife, 8.