

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[w\[1118\] P{y\[+t7.7\] w\[+mC\]=20XUAS-IVS-CsChrimson.mVenus}attP18](#)

RRID:BDSC_55134

Type: Organism

Proper Citation

RRID:BDSC_55134

Organism Information

URL: <https://n2t.net/bdsc:55134>

Proper Citation: RRID:BDSC_55134

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Vivek Jayaraman, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: CsChrimson, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 55134

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55134, BDSC:55134, BL55134

Organism Name: w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18

Record Creation Time: 20240911T222831+0000

Record Last Update: 20260905T140737+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 83 mentions in open access literature.

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

Lee K, et al. (2026) Cell body clustering drives gap junction-mediated synchronous activity in command neurons. bioRxiv : the preprint server for biology.

Date T, et al. (2026) Tonically active interneurons gate motor output in Drosophila larvae. bioRxiv : the preprint server for biology.

Li X, et al. (2026) Sequencing of distinct wing behaviors during Drosophila courtship. Current biology : CB, 36(5), 1291.

Ryba A, et al. (2026) Strain variation identifies a neural substrate for behavioral evolution in Drosophila. Current biology : CB, 36(5), 1247.

Boivin JC, et al. (2026) A positive feedback loop between sensory and octopaminergic neurons underlies nociceptive plasticity in Drosophila larvae. PLoS genetics, 22(4), e1012122.

Liessem S, et al. (2026) Control of walking direction by descending and dopaminergic neurons in Drosophila. Current biology : CB, 36(15), 3808.

Roemischied FA, et al. (2026) Recent social experience alters song behavior in Drosophila. Current biology : CB, 36(6), 1580.

Wang Y, et al. (2026) A bidirectional brain-fat body axis for pathogen avoidance. Neuron.

Guo L, et al. (2026) Segmentally repeated ventral nerve cord circuits drive different leg rubbing behaviors in Drosophila grooming. iScience, 29(3), 114902.

Ryba A, et al. (2025) Strain variation identifies a neural substrate for behavioral evolution in Drosophila. bioRxiv : the preprint server for biology.

Ray V, et al. (2025) The TRP-channel painless mediates substrate stiffness sensing in the legs during Drosophila oviposition. PLoS genetics, 21(12), e1011980.

Li X, et al. (2025) Sequencing of distinct wing behaviors during *Drosophila* courtship. bioRxiv : the preprint server for biology.

Wolff T, et al. (2025) Cell type-specific driver lines targeting the *Drosophila* central complex and their use to investigate neuropeptide expression and sleep regulation. eLife, 14.

Hindmarsh Sten T, et al. (2025) Male-male interactions shape mate selection in *Drosophila*. Cell, 188(6), 1486.

Teoh HK, et al. (2025) How tp1, an indirect wing steering muscle, stabilizes *Drosophila*'s flight. bioRxiv : the preprint server for biology.

Lee K, et al. (2025) Hunchback functions in the post-mitotic larval MDN to restrict axon outgrowth, synapse formation, and backward locomotion. bioRxiv : the preprint server for biology.

Siliciano AF, et al. (2025) A vector-based strategy for olfactory navigation in *Drosophila*. bioRxiv : the preprint server for biology.

Bisen RS, et al. (2025) Nutritional state-dependent modulation of insulin-producing cells in *Drosophila*. eLife, 13.

Meissner GW, et al. (2025) A split-GAL4 driver line resource for *Drosophila* neuron types. eLife, 13.

Paglione M, et al. (2025) Local translome sustains synaptic function in impaired Wallerian degeneration. EMBO reports, 26(1), 61.