

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=10XUAS-IVS-mCD8::GFP}attP40](#)

RRID:BDSC_32186

Type: Organism

Proper Citation

RRID:BDSC_32186

Organism Information

URL: <https://n2t.net/bdsc:32186>

Proper Citation: RRID:BDSC_32186

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::GFP}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Barret Pfeiffer & Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 32186

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32186, BDSC:32186, BL32186

Organism Name: w[*]; P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::GFP}attP40

Record Creation Time: 20240911T222530+0000

Record Last Update: 20260912T203610+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::GFP}attP40.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::GFP}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 159 mentions in open access literature.

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

Girard V, et al. (2026) ShineGAL4 drivers for tissue and cell-type specific optogenetics in Drosophila. *Development* (Cambridge, England), 153(4).

Pujari N, et al. (2026) Sexual identity of Akh neurons shapes Nucb1-dependent metabolic and reproductive plasticity. *iScience*, 29(6), 116097.

Zhang J, et al. (2026) Sleep rescues age-associated loss of glial engulfment. *PLoS genetics*, 22(1), e1011999.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. *Neuron*, 114(12), 2199.

Kern B, et al. (2026) Somatic cells non-autonomously control germline incomplete cytokinesis through FGF signaling. *bioRxiv : the preprint server for biology*.

Palmateer CM, et al. (2026) Investigating the fruitless-directed molecular and circuit architecture of courtship behavior in *Drosophila melanogaster*, *Drosophila simulans*, and their hybrids. *Genetics*, 233(1).

Markovitsch JW, et al. (2026) Sequential formation of *Drosophila* circuit asymmetry via prolonged structural plasticity. *Science advances*, 12(13), eaea6020.

Cocker BMJ, et al. (2026) Glia generate distinct visual processing centres by locally inhibiting ERK activity in an optic lobe neuroepithelium. *bioRxiv : the preprint server for biology*.

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Oka M, et al. (2025) Glucose uptake in pigment glia suppresses Tau-induced inflammation and photoreceptor degeneration. *Disease models & mechanisms*, 18(4).

Franco M, et al. (2025) Human RAP2A homolog of the Drosophila asymmetric cell division regulator Rap2l targets the stemness of glioblastoma stem cells. *eLife*, 14.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. *bioRxiv : the preprint server for biology*.

Raccuglia D, et al. (2025) Network synchrony creates neural filters promoting quiescence in Drosophila. *Nature*, 646(8085), 667.

Manoim-Wolkovitz JE, et al. (2025) Nonlinear high-activity neuronal excitation enhances odor discrimination. *Current biology : CB*, 35(7), 1521.

Kamiyama T, et al. (2025) Parasitoid wasp venoms degrade Drosophila imaginal discs for successful parasitism. *Science advances*, 11(5), eadq8771.

Leier HC, et al. (2025) Glia control experience-dependent plasticity in an olfactory critical period. *eLife*, 13.

Preußner M, et al. (2025) mir-276a Is Required for Muscle Development in Drosophila and Regulates the FGF Receptor Heartless During the Migration of Nascent Myotubes in the Testis. *Cells*, 14(5).

Khan C, et al. (2025) Allograft transplantation for Drosophila tumor metastasis studies. *Disease models & mechanisms*, 18(12).

Jonaitis J, et al. (2025) Differential modulation of feedforward inhibition reflects topographic organization in the olfactory system. *Nature communications*, 16(1), 11165.

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. *Science advances*, 11(51), eadz9682.