

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 10, 2025

## [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: Gerald M. Rubin & Barret Pfeiffer, 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, BL32186

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

**Record Creation Time:** 20240911T222530+0000

**Record Last Update:** 20250331T211934+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 117 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Tsap MI, et al. (2024) Unraveling the link between neuropathy target esterase NTE/SWS, lysosomal storage diseases, inflammation, abnormal fatty acid metabolism, and leaky brain barrier. *eLife*, 13.

Yin J, et al. (2024) Glia-derived secretory fatty acid binding protein Obp44a regulates lipid storage and efflux in the developing Drosophila brain. *bioRxiv : the preprint server for biology*.

Sun J, et al. (2024) A neurotrophin functioning with a Toll regulates structural plasticity in a dopaminergic circuit. *eLife*, 13.

Leier HC, et al. (2024) Glia control experience-dependent plasticity in an olfactory critical period. *bioRxiv : the preprint server for biology*.

Osaka J, et al. (2024) Complex formation of immunoglobulin superfamily molecules Side-IV and Beat-IIb regulates synaptic specificity. *Cell reports*, 43(2), 113798.

Héroult C, et al. (2024) Cellular sex throughout the organism underlies somatic sexual differentiation. *Nature communications*, 15(1), 6925.

Rebelo AR, et al. (2023) dMyc-dependent upregulation of CD98 amino acid transporters is required for Drosophila brain tumor growth. *Cellular and molecular life sciences : CMLS*, 80(1), 30.

Silva EAB, et al. (2023) Serine hydroxymethyl transferase is required for optic lobe neuroepithelia development in Drosophila. *Development (Cambridge, England)*, 150(20).

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitter-related genes characterize the initial stages of neuronal maturation in Drosophila. *PLoS biology*, 21(5), e3002115.

Singh P, et al. (2023) Examining Sleep Modulation by Drosophila Ellipsoid Body Neurons. *eNeuro*, 10(9).

Ayers KL, et al. (2023) Variants in SART3 cause a spliceosomopathy characterised by failure of testis development and neuronal defects. *Nature communications*, 14(1), 3403.

Praschberger R, et al. (2023) Neuronal identity defines  $\alpha$ -synuclein and tau toxicity. *Neuron*, 111(10), 1577.

Palmateer CM, et al. (2023) Single-cell transcriptome profiles of Drosophila fruitless-expressing neurons from both sexes. *eLife*, 12.

Lago-Baldaia I, et al. (2023) A Drosophila glial cell atlas reveals a mismatch between transcriptional and morphological diversity. *PLoS biology*, 21(10), e3002328.

Hubert A, et al. (2023) Enhanced neuroimaging with a calcium sensor in ex-vivo Drosophila melanogaster brains using closed-loop adaptive optics light-sheet fluorescence microscopy. *Journal of biomedical optics*, 28(6), 066501.

Pan G, et al. (2023) Cross-modal modulation gates nociceptive inputs in Drosophila. *Current biology : CB*, 33(7), 1372.

Yu J, et al. (2023) A dedicate sensorimotor circuit enables fine texture discrimination by active touch. *PLoS genetics*, 19(1), e1010562.

Hafez OA, et al. (2023) The cellular architecture of memory modules in Drosophila supports stochastic input integration. *eLife*, 12.

Mayseless O, et al. (2023) Neuronal excitability as a regulator of circuit remodeling. *Current biology : CB*, 33(5), 981.

Chafino S, et al. (2023) Antagonistic role of the BTB-zinc finger transcription factors Chinmo and Broad-Complex in the juvenile/pupal transition and in growth control. *eLife*, 12.