

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## w[\*]; P{w[+mC]=UAS-syt.eGFP}2

RRID:BDSC\_6925

Type: Organism

### Proper Citation

RRID:BDSC\_6925

### Organism Information

**URL:** <https://n2t.net/bdsc:6925>

**Proper Citation:** RRID:BDSC\_6925

**Description:** Drosophila melanogaster with name w[\*]; P{w[+mC]=UAS-syt.eGFP}2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Kendal Broadie, Vanderbilt University

**Affected Gene:** Syt1, UAS, w

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 6925

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_6925, BL6925

**Organism Name:** w[\*]; P{w[+mC]=UAS-syt.eGFP}2

**Record Creation Time:** 20240911T222204+0000

**Record Last Update:** 20260725T194839+0000

### Ratings and Alerts

No rating or validation information has been found for w[\*]; P{w[+mC]=UAS-syt.eGFP}2.

No alerts have been found for  $w[*]$ ;  $P\{w[+mC]=UAS-syt.eGFP\}2$ .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Rachad EY, et al. (2025) Functional dissection of a neuronal brain circuit mediating higher-order associative learning. *Cell reports*, 44(5), 115593.

Simon E, et al. (2025) Filopodia are essential for steroid release. *Nature communications*, 16(1), 5501.

Akai N, et al. (2025) JNK signaling coordinates epithelial cell turnover through exocytosis in *Drosophila* ribosomal protein mutants. *iScience*, 28(6), 112587.

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

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in *Drosophila*. *bioRxiv : the preprint server for biology*.

Karkali K, et al. (2023) Puckered and JNK signaling in pioneer neurons coordinates the motor activity of the *Drosophila* embryo. *Nature communications*, 14(1), 8186.

Karkali K, et al. (2023) JNK signaling in pioneer neurons organizes ventral nerve cord architecture in *Drosophila* embryos. *Nature communications*, 14(1), 675.

Liao YH, et al. (2023) ARMS-NF- $\kappa$ B signaling regulates intracellular ROS to induce autophagy-associated cell death upon oxidative stress. *iScience*, 26(2), 106005.

Tsarouhas V, et al. (2023) A surfactant lipid layer of endosomal membranes facilitates airway gas filling in *Drosophila*. *Current biology : CB*, 33(23), 5132.

Palomino-Schätzlein M, et al. (2022) A toolbox to study metabolic status of *Drosophila melanogaster* larvae. *STAR protocols*, 3(1), 101195.

Hsu JM, et al. (2021) Injury-Induced Inhibition of Bystander Neurons Requires dSarm and Signaling from Glia. *Neuron*, 109(3), 473.

Even A, et al. (2021) ATP-citrate lyase promotes axonal transport across species. *Nature communications*, 12(1), 5878.

Juarez-Carreño S, et al. (2021) Body-fat sensor triggers ribosome maturation in the steroidogenic gland to initiate sexual maturation in *Drosophila*. *Cell reports*, 37(2), 109830.

Brent AE, et al. (2020) Insulin and Leptin/Upd2 Exert Opposing Influences on Synapse Number in Fat-Sensing Neurons. *Cell metabolism*, 32(5), 786.

Duhart JM, et al. (2020) Modulation of sleep-courtship balance by nutritional status in *Drosophila*. *eLife*, 9.

Zhao B, et al. (2019) Long-term memory is formed immediately without the need for protein synthesis-dependent consolidation in *Drosophila*. *Nature communications*, 10(1), 4550.

Even A, et al. (2019) ATAT1-enriched vesicles promote microtubule acetylation via axonal transport. *Science advances*, 5(12), eaax2705.

Valadas JS, et al. (2018) ER Lipid Defects in Neuropeptidergic Neurons Impair Sleep Patterns in Parkinson's Disease. *Neuron*, 98(6), 1155.

Machamer JB, et al. (2018) FUS causes synaptic hyperexcitability in *Drosophila* dendritic arborization neurons. *Brain research*, 1693(Pt A), 55.