

# Resource Summary Report

Generated by [ASWG](#) on Jul 29, 2026

[w\[\\*\]; P{w\[+mC\]=Sgs3-GFP}3](#)

RRID:BDSC\_5885

Type: Organism

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## Proper Citation

RRID:BDSC\_5885

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## Organism Information

**URL:** <https://n2t.net/bdsc:5885>

**Proper Citation:** RRID:BDSC\_5885

**Description:** Drosophila melanogaster with name w[\*]; P{w[+mC]=Sgs3-GFP}3 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Andy Andres, Northwestern University

**Affected Gene:** Sgs3, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 5885

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_5885, BL5885

**Organism Name:** w[\*]; P{w[+mC]=Sgs3-GFP}3

**Record Creation Time:** 20240911T222156+0000

**Record Last Update:** 20260725T194828+0000

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## Ratings and Alerts

No rating or validation information has been found for w[\*]; P{w[+mC]=Sgs3-GFP}3.

No alerts have been found for w[\*]; P{w[+mC]=Sgs3-GFP}3.

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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 10 mentions in open access literature.

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

Suzawa M, et al. (2025) The insulin-like peptides Dilp2 and Dilp6 exhibit divergent responses to dietary sugar and protein in Drosophila larvae. Proceedings of the National Academy of Sciences of the United States of America, 122(42), e2426930122.

McPherson WK, et al. (2024) Synchronizing Drosophila larvae with the salivary gland reporter Sgs3-GFP for discovery of phenotypes in the late third instar stage. Developmental biology, 512, 35.

Lehne F, et al. (2023) Swip-1 promotes exocytosis of glue granules in the exocrine Drosophila salivary gland. Journal of cell science, 136(6).

Li Z, et al. (2022) A salivary gland-secreted peptide regulates insect systemic growth. Cell reports, 38(8), 110397.

Heredia F, et al. (2021) The steroid-hormone ecdysone coordinates parallel pupariation neuromotor and morphogenetic subprograms via epidermis-to-neuron Dilp8-Lgr3 signal induction. Nature communications, 12(1), 3328.

Ma CJ, et al. (2021) Quantitation of Secretory Granule Size in Drosophila Larval Salivary Glands. Bio-protocol, 11(11), e4039.

Duan J, et al. (2020) Bab2 Functions as an Ecdysone-Responsive Transcriptional Repressor during Drosophila Development. Cell reports, 32(4), 107972.

Reynolds HM, et al. (2019) Tango1 coordinates the formation of endoplasmic reticulum/Golgi docking sites to mediate secretory granule formation. The Journal of biological chemistry, 294(51), 19498.

Okamoto N, et al. (2018) A Membrane Transporter Is Required for Steroid Hormone Uptake in Drosophila. Developmental cell, 47(3), 294.

Ji S, et al. (2018) A molecular switch orchestrates enzyme specificity and secretory granule morphology. Nature communications, 9(1), 3508.