

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

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

RRID:BDSC_5885

Type: Organism

Proper Citation

RRID:BDSC_5885

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

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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.

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

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