

# Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

[w\[\\*\]; P{w\[+mC\]=Hug-GAL4.S3}3](#)

RRID:BDSC\_58769

Type: Organism

## Proper Citation

RRID:BDSC\_58769

## Organism Information

**URL:** <https://n2t.net/bdsc:58769>

**Proper Citation:** RRID:BDSC\_58769

**Description:** Drosophila melanogaster with name w[\*]; P{w[+mC]=Hug-GAL4.S3}3 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Michael Pankratz & Ingo Zinke, University of Bonn

**Affected Gene:** GAL4, Hug, w

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

**Catalog Number:** 58769

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_58769, BL58769

**Organism Name:** w[\*]; P{w[+mC]=Hug-GAL4.S3}3

**Record Creation Time:** 20240911T222906+0000

**Record Last Update:** 20260801T195600+0000

## Ratings and Alerts

No rating or validation information has been found for w[\*]; P{w[+mC]=Hug-GAL4.S3}3.

No alerts have been found for w[\*]; P{w[+mC]=Hug-GAL4.S3}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 7 mentions in open access literature.

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

Xia Y, et al. (2025) miR-124 acts During Drosophila Development to Determine the Phase of Adult Circadian Behavior. Journal of biological rhythms, 7487304251361579.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Schwarz JE, et al. (2021) Hugin+ neurons provide a link between sleep homeostat and circadian clock neurons. Proceedings of the National Academy of Sciences of the United States of America, 118(47).

Oh Y, et al. (2021) Periphery signals generated by Piezo-mediated stomach stretch and Neuromedin-mediated glucose load regulate the Drosophila brain nutrient sensor. Neuron, 109(12), 1979.

Megha , et al. (2019) ER-Ca<sup>2+</sup> sensor STIM regulates neuropeptides required for development under nutrient restriction in Drosophila. PloS one, 14(7), e0219719.

Ruf F, et al. (2017) WEclMon - A simple and robust camera-based system to monitor Drosophila eclosion under optogenetic manipulation and natural conditions. PloS one, 12(6), e0180238.

King AN, et al. (2017) A Peptidergic Circuit Links the Circadian Clock to Locomotor Activity. Current biology : CB, 27(13), 1915.