

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[w\[*\]; wg\[Sp-1\]/CyO; P{w\[+mC\]=UAS-HRP-LAMP1}3](#)

RRID:BDSC_42701

Type: Organism

Proper Citation

RRID:BDSC_42701

Organism Information

URL: <https://n2t.net/bdsc:42701>

Proper Citation: RRID:BDSC_42701

Description: Drosophila melanogaster with name w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-HRP-LAMP1}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Helmut Kramer, University of Texas Southwestern Medical Center

Affected Gene: HRP, Hsap\LAMP1, UAS, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 42701

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42701, BDSC:42701, BL42701

Organism Name: w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-HRP-LAMP1}3

Record Creation Time: 20240911T222706+0000

Record Last Update: 20260905T140533+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-HRP-LAMP1}3.

No alerts have been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-HRP-LAMP1}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Liu H, et al. (2023) PtdIns4P exchange at endoplasmic reticulum-autolysosome contacts is essential for autophagy and neuronal homeostasis. *Autophagy*, 19(10), 2682.

Duan X, et al. (2021) Regulation of lipid homeostasis by the TBC protein dTBC1D22 via modulation of the small GTPase Rab40 to facilitate lipophagy. *Cell reports*, 36(9), 109541.

Ögmundsdóttir MH, et al. (2012) Proton-assisted amino acid transporter PAT1 complexes with Rag GTPases and activates TORC1 on late endosomal and lysosomal membranes. *PloS one*, 7(5), e36616.

Juhász G, et al. (2008) The class III PI(3)K Vps34 promotes autophagy and endocytosis but not TOR signaling in *Drosophila*. *The Journal of cell biology*, 181(4), 655.