

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[y\[1\] w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=UAS-Lip4.L}VK00037](#)

RRID:BDSC_67142

Type: Organism

Proper Citation

RRID:BDSC_67142

Organism Information

URL: <https://n2t.net/bdsc:67142>

Proper Citation: RRID:BDSC_67142

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-Lip4.L}VK00037 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Lip4, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 67142

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67142, BL67142

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-Lip4.L}VK00037

Record Creation Time: 20240911T223026+0000

Record Last Update: 20260801T195802+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-Lip4.L}VK00037.

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=UAS-Lip4.L}VK00037.

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 [SPARC SAWG](#) .

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

Yu M, et al. (2023) Functional screening of lysosomal storage disorder genes identifies modifiers of alpha-synuclein neurotoxicity. PLoS genetics, 19(5), e1010760.

Cai XT, et al. (2021) Gut cytokines modulate olfaction through metabolic reprogramming of glia. Nature, 596(7870), 97.

Delos Santos K, et al. (2019) Pleiotropic role of Drosophila phosphoribosyl pyrophosphate synthetase in autophagy and lysosome homeostasis. PLoS genetics, 15(9), e1008376.