

# Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

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

RRID:BDSC\_67142

Type: Organism

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## Proper Citation

RRID:BDSC\_67142

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## 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:** 20260829T190659+0000

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## 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.

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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 4 mentions in open access literature.

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

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.