

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

[w\[*\]; P{w\[+mC\]=matalpha4-GAL-VP16}V37](#)

RRID:BDSC_7063

Type: Organism

Proper Citation

RRID:BDSC_7063

Organism Information

URL: <https://n2t.net/bdsc:7063>

Proper Citation: RRID:BDSC_7063

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=matalpha4-GAL-VP16}V37 from BDSC.

Species: Drosophila melanogaster

Notes: Wolbachia present per M. Phelps 10/21/2022. Donor: Andrea Brand, University of Cambridge

Affected Gene: alphaTub67C, GAL4::VP16, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 7063

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7063, BL7063

Organism Name: w[*]; P{w[+mC]=matalpha4-GAL-VP16}V37

Record Creation Time: 20240911T222205+0000

Record Last Update: 20260801T194632+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=matalpha4-GAL-VP16}V37.

No alerts have been found for w[*]; P{w[+mC]=matalpha4-GAL-VP16}V37.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 106 mentions in open access literature.

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

Shen D, et al. (2025) Retrotransposon 3S18 forms self-protective aggregates and prolongs mid-oogenesis. Cell reports, 44(7), 115914.

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in Drosophila melanogaster diapause-associated lifespan extension and fecundity. eLife, 13.

Rajshekar S, et al. (2025) Hierarchical interactions between nucleolar and heterochromatin condensates are mediated by a dual-affinity protein. Nature cell biology, 27(12), 2102.

Wang Z, et al. (2025) Poldip2 promotes mtDNA elimination during Drosophila spermatogenesis to ensure maternal inheritance. The EMBO journal, 44(6), 1724.

Dong Z, et al. (2025) TRPM-mediated mechanoreception regulates myosin oscillation during tissue elongation. Current biology : CB, 35(23), 5793.

Pérez-Mojica JE, et al. (2025) Resolving early embryonic metabolism in Drosophila through single-embryo metabolomics and transcriptomics. Nature metabolism.

Kolotuev I, et al. (2025) Complementary Volume Electron Microscopy-based approaches reveal ultrastructural changes in germline intercellular bridges of D. melanogaster. bioRxiv : the preprint server for biology.

Cho CY, et al. (2025) A mitotic bookmark coordinates transcription and replication. bioRxiv : the preprint server for biology.

Cardamone F, et al. (2025) Chromatin landscape at cis-regulatory elements orchestrates cell fate decisions in early embryogenesis. Nature communications, 16(1), 3007.

Meng Z, et al. (2025) Meiotic cohesion requires Sirt1 and preserving its activity in aging oocytes reduces missegregation. EMBO reports, 26(24), 6121.

Hilpert DC, et al. (2025) Basal autophagy during meiotic prophase I is required for accurate chromosome segregation in *Drosophila* oocytes and declines during oocyte aging. *bioRxiv : the preprint server for biology*.

Bayer LV, et al. (2025) Post-transcriptional regulation of cyclin A and B mRNAs by Bruno 1, Cup, and P-bodies. *iScience*, 28(6), 112727.

Meng ? ? ? Z, et al. (2025) Meiotic cohesion requires Sirt1 and preserving its activity in aging oocytes reduces missegregation. *bioRxiv : the preprint server for biology*.

Kotb NM, et al. (2025) TORC1-driven translation of Nucleoporin44A promotes chromatin remodeling and germ cell-to-maternal transition in *Drosophila*. *bioRxiv : the preprint server for biology*.

Gauhar ZA, et al. (2025) Leveraging CRISPR-Cas13d in an inducible knockdown system to interrogate *Drosophila* germ granule mRNAs. *bioRxiv : the preprint server for biology*.

Milano SN, et al. (2025) The role of ER exit sites in maintaining P-body organization and integrity during *Drosophila melanogaster* oogenesis. *EMBO reports*, 26(2), 494.

Goldstein B, et al. (2025) The differential roles of rad9 alternatively spliced forms in double- strand DNA break repair during *Drosophila* meiosis. *DNA repair*, 149, 103833.

Matsui M, et al. (2025) Transcriptional Repression of reaper by Stand Still Safeguards Female Germline Development in *Drosophila*. *bioRxiv : the preprint server for biology*.

Repouliou A, et al. (2025) The LOTUS domain of Oskar promotes localisation of both protein and mRNA components of *Drosophila* germ plasm. *bioRxiv : the preprint server for biology*.

Pérez-Roldán J, et al. (2025) Maternal histone mRNAs are uniquely processed through polyadenylation in a Stem-Loop Binding Protein (SLBP) dependent manner. *Nucleic acids research*, 53(7).