Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 9, 2025

w[1118]; P{w[+mC]=GAL4::VP16-nanos.UTR}CG6325[MVD1]

RRID:BDSC_4937
Type: Organism

Proper Citation

RRID:BDSC_4937

Organism Information

URL: https://n2t.net/bdsc:4937

Proper Citation: RRID:BDSC_4937

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=GAL4::VP16-nanos.UTR}CG6325[MVD1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Ruth Lehmann, New York University

Affected Gene: CG6325, GAL4::VP16, nanos, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 4937

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:4937, BL4937

Organism Name: w[1118]; P{w[+mC]=GAL4::VP16-nanos.UTR}CG6325[MVD1]

Record Creation Time: 20240911T222148+0000

Record Last Update: 20250420T053921+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=GAL4::VP16-nanos.UTR}CG6325[MVD1].

No alerts have been found for w[1118]; P{w[+mC]=GAL4::VP16-nanos.UTR}CG6325[MVD1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 98 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Chennuri PR, et al. (2024) Repeat mediated excision of gene drive elements for restoring wild-type populations. PLoS genetics, 20(11), e1011450.

Li YR, et al. (2024) Transient chromatin decompaction at the start of D. melanogaster male embryonic germline development. Life science alliance, 7(10).

Sanfilippo P, et al. (2024) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. Neuron, 112(6), 942.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin and juvenile hormone. bioRxiv : the preprint server for biology.

Kagemann CH, et al. (2024) Wolbachia pipientis Modulates Germline Stem Cells and Gene Expression Associated with Ubiquitination and Histone Lysine Trimethylation to Rescue Fertility Defects in Drosophila. Genetics.

Zhang Q, et al. (2024) Adar Regulates Drosophila melanogaster Spermatogenesis via Modulation of BMP Signaling. International journal of molecular sciences, 25(11).

Isaacson JR, et al. (2024) Mistranslating tRNA variants have anticodon- and sex-specific impacts on Drosophila melanogaster. bioRxiv : the preprint server for biology.

Li S, et al. (2024) Basal actomyosin pulses expand epithelium coordinating cell flattening and tissue elongation. Nature communications, 15(1), 3000.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin, and juvenile hormone. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2411987121.

Clémot M, et al. (2024) mTORC1 is required for differentiation of germline stem cells in the Drosophila melanogaster testis. PloS one, 19(3), e0300337.

Netherton JK, et al. (2024) The role of HnrnpF/H as a driver of oligoteratozoospermia. iScience, 27(7), 110198.

Das S, et al. (2024) Caspar specifies primordial germ cell count and identity in Drosophila melanogaster. eLife, 13.

Godneeva B, et al. (2023) SUMOylation of Bonus, the Drosophila homolog of Transcription Intermediary Factor 1, safeguards germline identity by recruiting repressive chromatin complexes to silence tissue-specific genes. bioRxiv : the preprint server for biology.

Godneeva B, et al. (2023) SUMOylation of Bonus, the Drosophila homolog of Transcription Intermediary Factor 1, safeguards germline identity by recruiting repressive chromatin complexes to silence tissue-specific genes. eLife, 12.

Klucnika A, et al. (2023) REC drives recombination to repair double-strand breaks in animal mtDNA. The Journal of cell biology, 222(1).

Chennuri PR, et al. (2023) Repeat mediated excision of gene drive elements for restoring wild-type populations. bioRxiv : the preprint server for biology.

Ayachit MS, et al. (2023) Atg1 modulates mitochondrial dynamics to promote germline stem cell maintenance in Drosophila. Biochemical and biophysical research communications, 643, 192.

Gershoni M, et al. (2023) A pathogenic variant in the uncharacterized RNF212B gene results in severe aneuploidy male infertility and repeated IVF failure. HGG advances, 4(3), 100189.

Kageyama D, et al. (2023) A male-killing gene encoded by a symbiotic virus of Drosophila. Nature communications, 14(1), 1357.

Beachum AN, et al. (2023) ?-importin Tnpo-SR promotes germline stem cell maintenance and oocyte differentiation in female Drosophila. Developmental biology, 494, 1.