Resource Summary Report

Generated by dkNET on Aug 23, 2026

y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-Cas9}ZH-2A w[1118]/FM7c

RRID:BDSC_51323
Type: Organism

Proper Citation

RRID:BDSC_51323

Organism Information

URL: https://n2t.net/bdsc:51323

Proper Citation: RRID:BDSC_51323

Description: Drosophila melanogaster with name y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-Cas9}ZH-2A w[1118]/FM7c from BDSC.

Species: Drosophila melanogaster

Notes: Nonbalancer flies present. May be segregating M{vas-int.B}ZH-102D. Donor: Jill Wildonger & Melissa Harrison, University of Wisconsin, Madison; Donor's Source: Kate O'Connor-Giles, University of Wisconsin, Madison

Affected Gene: Cas9, vas, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 51323

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51323, BL51323

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-Cas9}ZH-2A w[1118]/FM7c

Record Creation Time: 20240911T222754+0000

Record Last Update: 20260815T192012+0000

Ratings and Alerts

No rating or validation information has been found for y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-Cas9}ZH-2A w[1118]/FM7c.

No alerts have been found for y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-Cas9}ZH-2A w[1118]/FM7c.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 83 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Takenaka R, et al. (2026) The Drosophila maternal-effect gene abnormal oocyte (ao) does not repress histone gene expression. Genetics, 232(4).

Brantley SE, et al. (2026) Rapid transcriptional response to a dynamic morphogen by time integration. Current biology : CB, 36(11), 2853.

Liu G, et al. (2026) Comparative analysis of draper mutant alleles and RNAi expression systems in the ovary and brain of Drosophila melanogaster. G3 (Bethesda, Md.), 16(5).

Vincze V, et al. (2026) Selective autophagy fine-tunes Stat92E activity by degrading Su(var)2-10/PIAS in Drosophila glia. Life science alliance, 9(3).

Huang N, et al. (2026) Beat II and Side IV keep migrating longitudinal visceral muscle precursor cells on their substratum in Drosophila. Journal of cell science, 139(3).

Yi M, et al. (2026) Construction and Expression Analysis of the bin 3xOllas Tool Line. microPublication biology, 2026.

Eickbush DG, et al. (2026) Targeted editing of pericentromeric satellite DNA alters sensitivity to meiotic drive. bioRxiv : the preprint server for biology.

Brantley SE, et al. (2025) Rapid transcriptional response to a dynamic morphogen by time integration. bioRxiv : the preprint server for biology.

Chen Z, et al. (2025) Mitochondrial DNA removal is essential for sperm development and activity. The EMBO journal, 44(6), 1749.

Dombrovski M, et al. (2025) Molecular gradients shape synaptic specificity of a visuomotor transformation. Nature, 644(8076), 453.

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).

Takada S, et al. (2025) Drosophila Trus, the orthologue of mammalian PDCD2L, is required for proper cell proliferation, larval developmental timing, and oogenesis. PLoS genetics, 21(6), e1011469.

Wolfstetter G, et al. (2025) AlkTango reveals a role for Jeb/Alk signaling in the Drosophila heart. Cell communication and signaling : CCS, 23(1), 229.

Lee Y, et al. (2025) Defining the roles of the Integrator, NEXT, and nuclear exosome complexes in Drosophila oogenesis. Cell reports, 44(10), 116329.

Dombrovski M, et al. (2025) Gradients of Cell Recognition Molecules Wire Visuomotor Transformation. bioRxiv : the preprint server for biology.

Soltani S, et al. (2025) New molecular components of high and low affinity iron import systems in Drosophila. Nature communications, 16(1), 5662.

Zhang F, et al. (2024) Genetic and bioinformatic analyses reveal transcriptional networks underlying dual genomic coordination of mitochondrial biogenesis. bioRxiv : the preprint server for biology.

Nakato E, et al. (2024) In vivo activities of heparan sulfate differentially modified by NDSTs during development. Proteoglycan research, 2(1).

Lin SY, et al. (2024) Adaptive protein coevolution preserves telomere integrity. bioRxiv : the preprint server for biology.

Nakato E, et al. (2024) Differential heparan sulfate dependency of the Drosophila glypicans. The Journal of biological chemistry, 300(1), 105544.