

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 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*.

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

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

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.