

Resource Summary Report

Generated by [ASWG](#) on Aug 1, 2026

[y\[1\] M{RFP\[3xP3.PB\] GFP\[E.3xP3\]=vas-int.Dm}ZH-2A w\[*\]; M{3xP3-RFP.attP}ZH-86Fb](#)

RRID:BDSC_24749

Type: Organism

Proper Citation

RRID:BDSC_24749

Organism Information

URL: <https://n2t.net/bdsc:24749>

Proper Citation: RRID:BDSC_24749

Description: Drosophila melanogaster with name y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-86Fb from BDSC.

Species: Drosophila melanogaster

Notes: Pink eye color is from RFP expression. Donor: Konrad Basler & Johannes Bischof, University of Zurich

Affected Gene: 3xP3, Disc\RFP, phiC31:int, vas, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 24749

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24749, BL24749

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-86Fb

Record Creation Time: 20240911T222420+0000

Record Last Update: 20260725T195126+0000

Ratings and Alerts

No rating or validation information has been found for y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-86Fb.

No alerts have been found for y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-86Fb.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Xu M, et al. (2026) Activation of the integrated stress response contributes to developmental delay and seizures caused by mitochondrial prolyl-tRNA synthetase (PARS2) deficiency. Redox biology, 89, 103966.

Komori H, et al. (2025) mRNA decay pre-complex assembly drives timely cell-state transitions during differentiation. Cell reports, 44(1), 115138.

Wei Q, et al. (2025) Biallelic variants in SREBF2 cause autosomal recessive spastic paraplegia. Journal of genetics and genomics = Yi chuan xue bao, 52(8), 1021.

Cheetham-Wilkinson IJ, et al. (2025) RpH-ILV: Probe for lysosomal pH and acute LLOMe-induced membrane permeabilization in cell lines and Drosophila. Science advances, 11(1), eadr7325.

Taira Y, et al. (2025) RNA-binding protein Miso/CG44249 is crucial for minor splicing during oogenesis in Drosophila. RNA (New York, N.Y.), 31(6), 822.

Carey L, et al. (2025) A linamarase transgene controlled by heatshock creates a pro-toxin activation system in Drosophila melanogaster . microPublication biology, 2025.

Krabbenhof SD, et al. (2025) Investigating oncoprotein-mediated chromatin dysregulation in Drosophila melanogaster uncovers novel modifiers of the developmental impact of H3 K27M and EZHIP. bioRxiv : the preprint server for biology.

Martínez-Carrascosa MDC, et al. (2025) A phylogenetic analysis of the CDKL protein family unravels its evolutionary history and supports the Drosophila model of CDKL5 deficiency disorder. Frontiers in cell and developmental biology, 13, 1582684.

Krabbenhof SD, et al. (2025) Novel modifiers of oncoprotein-mediated Polycomb inhibition in Drosophila melanogaster. Genetics.

Shah N, et al. (2025) Pathogenic variants at the N-terminal arginine residue 44 disrupt human GABA transporter 1 function: insights from Drosophila epilepsy models. *Frontiers in pharmacology*, 16, 1674737.

Zipper L, et al. (2025) Steroid hormone-induced wingless ligands tune female intestinal size in Drosophila. *Nature communications*, 16(1), 436.

Shah N, et al. (2025) Rescue of Epilepsy-Associated Mutations of the Highly Conserved Glycine Residue 443 in the Human GABA Transporter 1. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(11), e70614.

Priest JM, et al. (2025) Structural insights into wiring specificity in the neuromuscular system through the Beat-Side complex. *bioRxiv : the preprint server for biology*.

Nakamura M, et al. (2024) Calcium influx rapidly establishes distinct spatial recruitments of Annexins to cell wounds. *Genetics*, 227(4).

Yheskel M, et al. (2024) KDM5-mediated transcriptional activation of ribosomal protein genes alters translation efficiency to regulate mitochondrial metabolism in neurons. *Nucleic acids research*, 52(11), 6201.

Baloul S, et al. (2024) Changes in searching behaviour of CSL transcription complexes in Notch active conditions. *Life science alliance*, 7(3).

DeHaro-Arbona FJ, et al. (2024) Dynamic modes of Notch transcription hubs conferring memory and stochastic activation revealed by live imaging the co-activator Mastermind. *eLife*, 12.

Christen M, et al. (2024) NDUFS7 variant in dogs with Leigh syndrome and its functional validation in a Drosophila melanogaster model. *Scientific reports*, 14(1), 2975.

Brattig-Correia R, et al. (2024) The conserved genetic program of male germ cells uncovers ancient regulators of human spermatogenesis. *eLife*, 13.

Lawler CD, et al. (2024) The haplolethal gene wupA of Drosophila exhibits potential as a target for an X-poisoning gene drive. *G3 (Bethesda, Md.)*, 14(4).