

Resource Summary Report

Generated by [ASWG](#) on Aug 17, 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: 20260815T191543+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 75 mentions in open access literature.

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

Kwon SY, et al. (2026) Combinatorial histone modifications direct ATP-dependent chromatin remodeling by NURF to promoter-proximal nucleosomes. *Nucleic acids research*, 54(10).

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.

Lou Y, et al. (2026) Distinct Bomanins at the Drosophila 55C locus function in resistance and resilience to infections. *EMBO reports*, 27(3), 629.

Zipper L, et al. (2026) Frazzled/DCC directs spatial progenitor integration ensuring steady-state intestinal turnover. *Nature communications*, 17(1).

Jay TR, et al. (2026) Developmental and age-related synapse elimination is mediated by glial Croquemort. *Neuron*.

Wang L, et al. (2026) E2f1 transcription factor is required for neurodevelopment through regulation of conserved miR-33 and RhoGEF trio. *Cell communication and signaling : CCS*, 24(1), 77.

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.

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

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.

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.

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.

Martín-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.

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*.

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*.

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

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.

Rötte M, et al. (2024) CYRI controls epidermal wound closure and cohesion of invasive border cell cluster in *Drosophila*. *The Journal of cell biology*, 223(12).