

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[y\[1\] M{RFP\[3xP3.PB\] GFP\[E.3xP3\]=vas-int.Dm}ZH-2A w\[*\]; M{3xP3-RFP.attP'}ZH-22A](#)

RRID:BDSC_24481

Type: Organism

Proper Citation

RRID:BDSC_24481

Organism Information

URL: <https://n2t.net/bdsc:24481>

Proper Citation: RRID:BDSC_24481

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-22A 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 2

Catalog Number: 24481

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24481, BDSC:24481, BL24481

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP'}ZH-22A

Record Creation Time: 20240911T222418+0000

Record Last Update: 20260912T203428+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-22A.

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-22A.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Soldatova IV, et al. (2025) Investigation of the Functional Role of the Conserved Sequence at the 5'-End of the Fourth Intron of the mod(mdg4) Gene in Trans-Splicing in *Drosophila melanogaster*. Doklady. Biochemistry and biophysics, 521(1), 169.

Beginyazova O, et al. (2025) Promoter Specificity and Transcription Levels Modulate Trans-Splicing Efficiency at the mod(mdg4) Locus in *Drosophila*. International journal of molecular sciences, 26(23).

Shekar A, et al. (2023) Syntaxin 1 Ser14 phosphorylation is required for nonvesicular dopamine release. Science advances, 9(2), eadd8417.

Yang S, et al. (2022) Infection and chronic disease activate a brain-muscle signaling axis that regulates muscle performance. bioRxiv : the preprint server for biology.

Schellinger JN, et al. (2022) Chloride oscillation in pacemaker neurons regulates circadian rhythms through a chloride-sensing WNK kinase signaling cascade. Current biology : CB, 32(6), 1429.

Nath S, et al. (2022) Functional characterization of variants of unknown significance in a spinocerebellar ataxia patient using an unsupervised machine learning pipeline. Human genome variation, 9(1), 10.

Yang S, et al. (2022) Spatiotemporal expression of regulatory kinases directs the transition from mitosis to cellular morphogenesis in *Drosophila*. Nature communications, 13(1), 772.

Herborg F, et al. (2021) Identifying dominant-negative actions of a dopamine transporter variant in patients with parkinsonism and neuropsychiatric disease. JCI insight, 6(18).

Erokhin M, et al. (2021) Boundaries potentiate polycomb response element-mediated silencing. BMC biology, 19(1), 113.

Aguilar JI, et al. (2021) Psychomotor impairments and therapeutic implications revealed by a mutation associated with infantile Parkinsonism-Dystonia. *eLife*, 10.

Imler E, et al. (2019) A *Drosophila* model of neuronal ceroid lipofuscinosis CLN4 reveals a hypermorphic gain of function mechanism. *eLife*, 8.

Kerstens A, et al. (2019) A Label-free Multicolor Optical Surface Tomography (ALMOST) imaging method for nontransparent 3D samples. *BMC biology*, 17(1), 1.

Beati H, et al. (2018) The adherens junction-associated LIM domain protein Smallish regulates epithelial morphogenesis. *The Journal of cell biology*, 217(3), 1079.

Maharjan M, et al. (2018) Using a phiC31 "Disintegrator" to make new attP sites in the *Drosophila* genome at locations showing chromosomal position effects. *PloS one*, 13(10), e0205538.

Gamblin CL, et al. (2018) Oligomerization of the FERM-FA protein Yurt controls epithelial cell polarity. *The Journal of cell biology*, 217(11), 3853.

Solis GP, et al. (2017) Golgi-Resident G α o Promotes Protrusive Membrane Dynamics. *Cell*, 170(5), 939.