

Resource Summary Report

Generated by T1D 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 [T1D](#) .

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.

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.

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.

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??o Promotes Protrusive Membrane Dynamics. *Cell*, 170(5), 939.