Resource Summary Report

Generated by NIF on Sep 16, 2026

y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-51D

RRID:BDSC_24483
Type: Organism

Proper Citation

RRID:BDSC_24483

Organism Information

URL: https://n2t.net/bdsc:24483

Proper Citation: RRID:BDSC_24483

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-51D 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: 24483

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24483, BDSC:24483, BL24483

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP}ZH-51D

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-51D.

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-51D.

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 .

Gu T, et al. (2026) Heterochromatin-based silencing of a foreign tandem repeat in Drosophila melanogaster shows unusual biochemistry and temperature sensitivity. Genetics, 232(3).

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.

Zhu Y, et al. (2025) Loss of dihydroceramide desaturase drives neurodegeneration by disrupting endoplasmic reticulum and lipid droplet homeostasis in glial cells. eLife, 13.

Zhu Y, et al. (2024) Dihydroceramide desaturase governs endoplasmic reticulum and lipid droplet homeostasis to promote glial function in the nervous system. bioRxiv : the preprint server for biology.

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

Niu X, et al. (2023) ?-Tubulin acetylation at lysine 40 regulates dendritic arborization and larval locomotion by promoting microtubule stability in Drosophila. PloS one, 18(2), e0280573.

Belyaeva V, et al. (2022) Fos regulates macrophage infiltration against surrounding tissue resistance by a cortical actin-based mechanism in Drosophila. PLoS biology, 20(1), e3001494.

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.

Mohr S, et al. (2021) Opposing roles for Egalitarian and Staufen in transport, anchoring and localization of oskar mRNA in the Drosophila oocyte. PLoS genetics, 17(4), e1009500.

Kenny A, et al. (2021) Different roles for the adjoining and structurally similar A-rich and poly(A) domains of oskar mRNA: Only the A-rich domain is required for oskar noncoding RNA function, which includes MTOC positioning. Developmental biology, 476, 117.

Walther M, et al. (2020) Heterochromatin formation in Drosophila requires genome-wide histone deacetylation in cleavage chromatin before mid-blastula transition in early embryogenesis. Chromosoma, 129(1), 83.

Hill AS, et al. (2019) The Drosophila ERG channel seizure plays a role in the neuronal homeostatic stress response. PLoS genetics, 15(8), e1008288.

Falo-Sanjuan J, et al. (2019) Enhancer Priming Enables Fast and Sustained Transcriptional Responses to Notch Signaling. Developmental cell, 50(4), 411.

Gyoergy A, et al. (2018) Tools Allowing Independent Visualization and Genetic Manipulation of Drosophila melanogaster Macrophages and Surrounding Tissues. G3 (Bethesda, Md.), 8(3), 845.

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

Yalç?n B, et al. (2017) Modeling of axonal endoplasmic reticulum network by spastic paraplegia proteins. eLife, 6.