

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

[y\[1\] M{RFP\[3xP3.PB\] GFP\[E.3xP3\]=vas-int.Dm}ZH-2A w\[*\]; PBac{y\[+\]-attP-3B}VK00033](#)

RRID:BDSC_24871

Type: Organism

Proper Citation

RRID:BDSC_24871

Organism Information

URL: <https://n2t.net/bdsc:24871>

Proper Citation: RRID:BDSC_24871

Description: Drosophila melanogaster with name y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00033 from BDSC.

Species: Drosophila melanogaster

Notes: Pink eye color is from RFP expression. Donor: Hugo J. Bellen & Koen Venken, Baylor College of Medicine; Donor's Source: Konrad Basler & Johannes Bischof, University of Zurich

Affected Gene: phiC31:int, vas, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 24871

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24871, BL24871

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00033

Record Creation Time: 20240911T222421+0000

Record Last Update: 20260801T194937+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[*]; PBac{y[+]-attP-3B}VK00033.

No alerts have been found for y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00033.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Costa-Rodrigues C, et al. (2025) Dietary Interventions Modulate Cell Competition and Locomotor Decline in an Alzheimer's Disease Drosophila Model. *Cells*, 14(24).

Osaka J, et al. (2024) Complex formation of immunoglobulin superfamily molecules Side-IV and Beat-IIb regulates synaptic specificity. *Cell reports*, 43(2), 113798.

Berrocal A, et al. (2024) Unified bursting strategies in ectopic and endogenous even-skipped expression patterns. *eLife*, 12.

Guichard A, et al. (2023) A comprehensive Drosophila resource to identify key functional interactions between SARS-CoV-2 factors and host proteins. *Cell reports*, 42(8), 112842.

Bosch JA, et al. (2023) Molecular and functional characterization of the Drosophila melanogaster conserved smORFome. *Cell reports*, 42(11), 113311.

Bose M, et al. (2022) Liquid-to-solid phase transition of oskar ribonucleoprotein granules is essential for their function in Drosophila embryonic development. *Cell*, 185(8), 1308.

Pandey M, et al. (2022) Molecular Dissection of a Conserved Cluster of miRNAs Identifies Critical Structural Determinants That Mediate Differential Processing. *Frontiers in cell and developmental biology*, 10, 909212.

Bonnet J, et al. (2022) PR-DUB preserves Polycomb repression by preventing excessive accumulation of H2Aub1, an antagonist of chromatin compaction. *Genes & development*, 36(19-20), 1046.

K??gler AC, et al. (2021) Extremely rapid and reversible optogenetic perturbation of nuclear proteins in living embryos. *Developmental cell*, 56(16), 2348.

Steinmetz EL, et al. (2021) Drosophila Homeodomain-Interacting Protein Kinase (Hipk) Phosphorylates the Hippo/Warts Signalling Effector Yorkie. *International journal of*

molecular sciences, 22(4).

Salazar JL, et al. (2021) TM2D genes regulate Notch signaling and neuronal function in *Drosophila*. *PLoS genetics*, 17(12), e1009962.

Dong W, et al. (2020) A polybasic domain in aPKC mediates Par6-dependent control of membrane targeting and kinase activity. *The Journal of cell biology*, 219(7).

Bergalet J, et al. (2020) Inter-dependent Centrosomal Co-localization of the *cen* and *ik2* cis-Natural Antisense mRNAs in *Drosophila*. *Cell reports*, 30(10), 3339.

Dutta D, et al. (2020) De novo mutations in TOMM70, a receptor of the mitochondrial import translocase, cause neurological impairment. *Human molecular genetics*, 29(9), 1568.

Bansal P, et al. (2020) An Interaction Network of RNA-Binding Proteins Involved in *Drosophila* Oogenesis. *Molecular & cellular proteomics : MCP*, 19(9), 1485.

Mahato S, et al. (2018) A mosaic of independent innovations involving eyes shut are critical for the evolutionary transition from fused to open rhabdoms. *Developmental biology*, 443(2), 188.

Daou S, et al. (2018) Monoubiquitination of ASXLs controls the deubiquitinase activity of the tumor suppressor BAP1. *Nature communications*, 9(1), 4385.

Valsecchi CIK, et al. (2018) Facultative dosage compensation of developmental genes on autosomes in *Drosophila* and mouse embryonic stem cells. *Nature communications*, 9(1), 3626.

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.

Weasner BM, et al. (2016) Retinal Expression of the *Drosophila* eyes absent Gene Is Controlled by Several Cooperatively Acting Cis-regulatory Elements. *PLoS genetics*, 12(12), e1006462.