Resource Summary Report

Generated by ASWG on Aug 24, 2026

y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00037

RRID:BDSC_24872
Type: Organism

Proper Citation

RRID:BDSC_24872

Organism Information

URL: https://n2t.net/bdsc:24872

Proper Citation: RRID:BDSC_24872

Description: Drosophila melanogaster with name y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00037 from BDSC.

Species: Drosophila melanogaster

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

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 24872

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24872, BL24872

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; PBac{y[+]-attP-3B}VK00037

Record Creation Time: 20240911T222421+0000

Record Last Update: 20260815T191544+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}VK00037.

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}VK00037.

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 ASWG .

Townsley RE, et al. (2026) NLGN3 autism variants have distinct functional impact on synapses and sleep behavior in Drosophila. bioRxiv : the preprint server for biology.

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

Guay SY, et al. (2024) A newly evolved gene is essential for efficient sperm entry into eggs in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Isaacson JR, et al. (2024) Mistranslating tRNA variants have anticodon- and sex-specific impacts on Drosophila melanogaster. bioRxiv : the preprint server for biology.

Isaacson JR, et al. (2024) Mistranslating tRNA variants have anticodon- and sex-specific impacts on Drosophila melanogaster. G3 (Bethesda, Md.), 14(12).

Nil Z, et al. (2023) Rare de novo gain-of-function missense variants in DOT1L are associated with developmental delay and congenital anomalies. American journal of human genetics, 110(11), 1919.

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.

Pan X, et al. (2023) Allelic strengths of encephalopathy-associated UBA5 variants correlate between in vivo and in vitro assays. medRxiv : the preprint server for health sciences.

Lu S, et al. (2022) Loss-of-function variants in TIAM1 are associated with developmental delay, intellectual disability, and seizures. American journal of human genetics, 109(4),

571.

Wang J, et al. (2022) Differential regulation of alternative promoters emerges from unified kinetics of enhancer-promoter interaction. Nature communications, 13(1), 2714.

Yang SA, et al. (2022) Functional Studies of Genetic Variants Associated with Human Diseases in Notch Signaling-Related Genes Using Drosophila. Methods in molecular biology (Clifton, N.J.), 2472, 235.

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

Rivard EL, et al. (2021) A putative de novo evolved gene required for spermatid chromatin condensation in Drosophila melanogaster. PLoS genetics, 17(9), e1009787.

Manivannan SN, et al. (2020) Novel frameshift variant in MYL2 reveals molecular differences between dominant and recessive forms of hypertrophic cardiomyopathy. PLoS genetics, 16(5), e1008639.

Piwko P, et al. (2019) The Role of Insulators in Transgene Transvection in Drosophila. Genetics, 212(2), 489.