

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[y\[1\] M{RFP\[3xP3.PB\] GFP\[E.3xP3\]=vas-int.Dm}ZH-2A w\[*\]; M{3xP3-RFP.attP'}ZH-86Fa](#)

RRID:BDSC_24486

Type: Organism

Proper Citation

RRID:BDSC_24486

Organism Information

URL: <https://n2t.net/bdsc:24486>

Proper Citation: RRID:BDSC_24486

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-86Fa from BDSC.

Species: Drosophila melanogaster

Notes: Pink eye color is from RFP expression. This line shows poor survival after injection and is generally weak. Donor: Johannes Bischof & Konrad Basler, University of Zurich

Affected Gene: 3xP3, Disc\RFP, phiC31:int, vas, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 24486

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24486, BL24486

Organism Name: y[1] M{RFP[3xP3.PB] GFP[E.3xP3]=vas-int.Dm}ZH-2A w[*]; M{3xP3-RFP.attP'}ZH-86Fa

Record Creation Time: 20240911T222418+0000

Record Last Update: 20260725T195123+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-86Fa.

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-86Fa.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Krout IN, et al. (2022) Targeted Intracellular Demethylation of Methylmercury Enhances Elimination Kinetics and Reduces Developmental Toxicity in Transgenic Drosophila. *Toxicological sciences : an official journal of the Society of Toxicology*, 190(2), 146.

Hayashi Y, et al. (2022) Biosynthesis of S-adenosyl-methionine enhances aging-related defects in Drosophila oogenesis. *Scientific reports*, 12(1), 5593.

Chu WC, et al. (2021) Mechano-chemical enforcement of tendon apical ECM into nano-filaments during Drosophila flight muscle development. *Current biology : CB*, 31(7), 1366.

Gamez S, et al. (2021) Spatial control of gene expression in flies using bacterially derived binary transactivation systems. *Insect molecular biology*, 30(5), 461.

Parks SC, et al. (2021) Parasitic nematode fatty acid- and retinol-binding proteins compromise host immunity by interfering with host lipid signaling pathways. *PLoS pathogens*, 17(10), e1010027.

Masukawa M, et al. (2021) Male-biased protein expression in primordial germ cells, identified through a comparative study of UAS vectors in Drosophila. *Scientific reports*, 11(1), 21482.

Neiswender H, et al. (2021) Dynein light chain-dependent dimerization of Egalitarian is essential for maintaining oocyte fate in Drosophila. *Developmental biology*, 478, 76.

Kim M, et al. (2020) Sestrins are evolutionarily conserved mediators of exercise benefits. *Nature communications*, 11(1), 190.

Kandul NP, et al. (2019) Transforming insect population control with precision guided sterile males with demonstration in??flies. *Nature communications*, 10(1), 84.

Ogura Y, et al. (2018) A Switch-like Activation Relay of EGFR-ERK Signaling Regulates a Wave of Cellular Contractility for Epithelial Invagination. *Developmental cell*, 46(2), 162.

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.