

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

[y\[1\] w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=I-Scel\(FRT.RabX4-GAL4.ORF\(loxP.3xP3-RFP\)\)}VK00033](#)

RRID:BDSC_51602

Type: Organism

Proper Citation

RRID:BDSC_51602

Organism Information

URL: <https://n2t.net/bdsc:51602>

Proper Citation: RRID:BDSC_51602

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=I-Scel(FRT.RabX4-GAL4.ORF(loxP.3xP3-RFP))}VK00033 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1], and/or CyO. Donor: Robin Hiesinger, University of Texas Southwestern Medical Center

Affected Gene: FRT, GAL4, P1\loxP, RabX4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 51602

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51602, BL51602

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=I-Scel(FRT.RabX4-GAL4.ORF(loxP.3xP3-RFP))}VK00033

Record Creation Time: 20240911T222757+0000

Record Last Update: 20260815T192017+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=I-Scel(FRT.RabX4-GAL4.ORF(loxP.3xP3-RFP))}VK00033.

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=I-Scel(FRT.RabX4-GAL4.ORF(loxP.3xP3-RFP))}VK00033.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Shen Y, et al. (2026) A genome-wide MAGIC kit for recombinase-independent mosaic analysis in Drosophila. eLife, 14.

Chen X, et al. (2025) Phagocytosis-driven neurodegeneration through opposing roles of an ABC transporter in neurons and phagocytes. Science advances, 11(11), eadr5448.

Ji H, et al. (2022) Phagocytosis and self-destruction break down dendrites of Drosophila sensory neurons at distinct steps of Wallerian degeneration. Proceedings of the National Academy of Sciences of the United States of America, 119(4).

Poe AR, et al. (2020) Low FoxO expression in Drosophila somatosensory neurons protects dendrite growth under nutrient restriction. eLife, 9.