

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[w\[*\]; ry\[506\] Dr\[1\]/TM3, P{Dfd-GMR-nvYFP}3, Sb\[1\]](#)

RRID:BDSC_23231

Type: Organism

Proper Citation

RRID:BDSC_23231

Organism Information

URL: <https://n2t.net/bdsc:23231>

Proper Citation: RRID:BDSC_23231

Description: Drosophila melanogaster with name w[*]; ry[506] Dr[1]/TM3, P{Dfd-GMR-nvYFP}3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Greg Beitel, Northwestern University

Affected Gene: Dr, Avic\GFP, Dfd, GMR, ry, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 23231

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23231, BDSC:23231, BL23231

Organism Name: w[*]; ry[506] Dr[1]/TM3, P{Dfd-GMR-nvYFP}3, Sb[1]

Record Creation Time: 20240911T222406+0000

Record Last Update: 20260919T202743+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; ry[506] Dr[1]/TM3, P{Dfd-GMR-nvYFP}3, Sb[1].

No alerts have been found for w[*]; ry[506] Dr[1]/TM3, P{Dfd-GMR-nvYFP}3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Rai M, et al. (2026) Drosophila melanogaster lactate dehydrogenase deficiency recapitulates the exercise intolerance of human glycogen storage disease type XI. bioRxiv : the preprint server for biology.

Heidarian Y, et al. (2025) Hypoxia-inducible factor 1? is required to establish the larval glycolytic program in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Heidarian Y, et al. (2025) Hypoxia-inducible factor 1? is required to establish the larval glycolytic program in Drosophila melanogaster. Molecular metabolism, 93, 102106.

Töpfer U, et al. (2024) AdamTS proteases control basement membrane heterogeneity and organ shape in Drosophila. Cell reports, 43(7), 114399.

Rai M, et al. (2024) Characterization of genetic and molecular tools for studying the endogenous expression of Lactate dehydrogenase in Drosophila melanogaster. PloS one, 19(1), e0287865.

Heidarian Y, et al. (2023) Metabolomic analysis of Drosophila melanogaster larvae lacking pyruvate kinase. G3 (Bethesda, Md.), 14(1).

Rai M, et al. (2023) Characterization of genetic and molecular tools for studying the endogenous expression of Lactate dehydrogenase in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Heidarian Y, et al. (2023) Metabolomic analysis of Drosophila melanogaster larvae lacking Pyruvate kinase. bioRxiv : the preprint server for biology.

Li H, et al. (2019) Lactate dehydrogenase and glycerol-3-phosphate dehydrogenase cooperatively regulate growth and carbohydrate metabolism during Drosophila melanogaster larval development. Development (Cambridge, England), 146(17).