

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

[ovo\[D1\] v\[24\]/C\(1\)DX, y\[1\] w\[1\] f\[1\]](#)

RRID:BDSC_1309

Type: Organism

Proper Citation

RRID:BDSC_1309

Organism Information

URL: <https://n2t.net/bdsc:1309>

Proper Citation: RRID:BDSC_1309

Description: Drosophila melanogaster with name ovo[D1] v[24]/C(1)DX, y[1] w[1] f[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Kevin Cook, University of Iowa; Donor's Source: Madeleine Gans, CNRS, Gif-Sur-Yvette

Affected Gene: f, ovo, v, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 1309

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_1309, BL1309

Organism Name: ovo[D1] v[24]/C(1)DX, y[1] w[1] f[1]

Record Creation Time: 20240911T222126+0000

Record Last Update: 20260829T185450+0000

Ratings and Alerts

No rating or validation information has been found for ovo[D1] v[24]/C(1)DX, y[1] w[1] f[1].

No alerts have been found for ovo[D1] v[24]/C(1)DX, y[1] w[1] f[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Müller F, et al. (2026) Single nucleotide variants in UNC13C associated with neurodevelopmental disorders affect ethanol sensitivity in Drosophila. *Biochemistry and biophysics reports*, 45, 102375.

Gordon KE, et al. (2025) Trade-off between antibacterial immune defense and oogenesis progression in female Drosophila melanogaster. *Genetics*.

Yu G, et al. (2025) Reproductive-Triggered Sterol Competition Exacerbates Age-Related Intestinal Barrier Damage in Drosophila Females. *Aging cell*, 24(6), e70011.

Yu G, et al. (2025) Rapamycin Alters the Feeding Preference for Amino Acids and Sugar in Female Drosophila. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 80(7).

Zipper L, et al. (2025) Steroid hormone-induced wingless ligands tune female intestinal size in Drosophila. *Nature communications*, 16(1), 436.

Blackie L, et al. (2024) The sex of organ geometry. *Nature*, 630(8016), 392.

Kosakamoto H, et al. (2024) Context-dependent impact of the dietary non-essential amino acid tyrosine on Drosophila physiology and longevity. *Science advances*, 10(35), eadn7167.

Yu G, et al. (2023) Reproductive-dependent effects of B vitamin deficiency on lifespan and physiology. *Frontiers in nutrition*, 10, 1277715.

Kosakamoto H, et al. (2023) Early-adult methionine restriction reduces methionine sulfoxide and extends lifespan in Drosophila. *Nature communications*, 14(1), 7832.

Götze KJ, et al. (2022) Improving one-step scarless genome editing in Drosophila melanogaster by combining ovoD co-CRISPR selection with sgRNA target site masking. *Biology methods & protocols*, 7(1), bpac003.

Zipper L, et al. (2020) Ecdysone steroid hormone remote controls intestinal stem cell fate decisions via the PPAR γ -homolog Eip75B in *Drosophila*. *eLife*, 9.

Wu Q, et al. (2020) Sexual dimorphism in the nutritional requirement for adult lifespan in *Drosophila melanogaster*. *Aging cell*, 19(3), e13120.

van Dam E, et al. (2020) Sugar-Induced Obesity and Insulin Resistance Are Uncoupled from Shortened Survival in *Drosophila*. *Cell metabolism*, 31(4), 710.

Ewen-Campen B, et al. (2018) ovoD Co-selection: A Method for Enriching CRISPR/Cas9-Edited Alleles in *Drosophila*. *G3 (Bethesda, Md.)*, 8(8), 2749.

Catterson JH, et al. (2018) Short-Term, Intermittent Fasting Induces Long-Lasting Gut Health and TOR-Independent Lifespan Extension. *Current biology : CB*, 28(11), 1714.