

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 19, 2026

## Oregon-R-P2

RRID:BDSC\_2376

Type: Organism

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### Proper Citation

RRID:BDSC\_2376

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### Organism Information

**URL:** <https://n2t.net/bdsc:2376>

**Proper Citation:** RRID:BDSC\_2376

**Description:** Drosophila melanogaster with name Oregon-R-P2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Selected for rapid egg-laying ability. Donor: Thom Kaufman, Indiana University, Bloomington; Donor's Source: Tony Mahowald, Indiana University, Bloomington

**Genomic Alteration:** Chromosome wt

**Catalog Number:** 2376

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_2376, BL2376

**Organism Name:** Oregon-R-P2

**Record Creation Time:** 20240911T222132+0000

**Record Last Update:** 20260815T191216+0000

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### Ratings and Alerts

No rating or validation information has been found for Oregon-R-P2.

No alerts have been found for Oregon-R-P2.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 53 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Pisano L, et al. (2026) Genotype and injury severity modulate the effects of traumatic brain injury on sleep in Drosophila. *microPublication biology*, 2026.

Dean DM, et al. (2025) purpleoid 1 , a classic Drosophila eye color mutation, is an allele of the t-SNARE-encoding gene SNAP29. *microPublication biology*, 2025.

Neophytou C, et al. (2025) Aberrant enterocyte progenitor clustering as an early life biomarker of Drosophila aging. *iScience*, 28(3), 111967.

Walker BM, et al. (2025) Maternal antioxidant treatment partially rescues developmental defects in a Drosophila Polr1D mutant model. *microPublication biology*, 2025.

Simoncek AM, et al. (2025) Tissue-specific I-Smad mechanisms revealed by structure-function analysis in Drosophila. *bioRxiv : the preprint server for biology*.

Nagy P, et al. (2025) Infectious bacteria, but not the microbiota, induce a NOX-ATM-cytokine pathway that controls epithelial turnover. *Cell reports*, 44(10), 116293.

Thibeaux A, et al. (2025) Investigating the differential microRNAs expression in young and aged Drosophila melanogaster following Flock House Virus infection. *Virulence*, 16(1), 2549497.

Bunnell D, et al. (2025) Treatment with mitochondrial targeting antibiotics improves survival outcomes after Flock House virus infection in young and aged Drosophila melanogaster. *Research square*.

Hardin KR, et al. (2025) A Critical Role for the Fascin Family of Actin Bundling Proteins in Axon Development, Brain Wiring and Function. *bioRxiv : the preprint server for biology*.

Sobrido-Cameán D, et al. (2025) Mitochondrial ROS and HIF-1 $\alpha$  signaling mediate synaptic plasticity in the critical period. *PLoS biology*, 23(8), e3003338.

Wang M, et al. (2025) A Drosophila single-cell 3D spatiotemporal multi-omics atlas unveils panoramic key regulators of cell-type differentiation. *Cell*, 188(17), 4734.

Wilmes S, et al. (2025) Mechanistic adaptation of the metazoan RabGEFs Mon1-Ccz1 and Fuzzy-Inturned. *Science advances*, 11(35), eadx2893.

Abou Daya F, et al. (2025) Drosophila Modeling Identifies Increased Sleep as a Link Between Insomnia and Cardiovascular Disease. *bioRxiv : the preprint server for biology*.

Nath VR, et al. (2025) Ca<sup>2+</sup> binding to Esyt modulates membrane contact site density in Drosophila photoreceptors. *The Journal of cell biology*, 224(5).

Mahadik N, et al. (2025) Evaluation of the toxicity and efficacy of a multi-target polymer-drug nano-polyplex in SH-SY5Y cells and Drosophila model of tauopathy. *Scientific reports*, 15(1), 39454.

Gill S, et al. (2024) A conserved role for ALG10/ALG10B and the N -glycosylation pathway in the sleep-epilepsy axis. *medRxiv : the preprint server for health sciences*.

Wint R, et al. (2024) Transfer RNA Levels Are Tuned to Support Differentiation During Drosophila Neurogenesis. *Genes*, 15(12).

Akpoghiran O, et al. (2024) Effects of sex, mating status, and genetic background on circadian behavior in Drosophila. *bioRxiv : the preprint server for biology*.

Akpoghiran O, et al. (2024) Effects of sex, mating status, and genetic background on circadian behavior in Drosophila. *Frontiers in neuroscience*, 18, 1532868.

Gera J, et al. (2024) High sugar diet-induced fatty acid oxidation potentiates cytokine-dependent cardiac ECM remodeling. *The Journal of cell biology*, 223(9).