

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[w\[*\]; P{w\[+mC\]=His2Av-mRFP1}II.2](#)

RRID:BDSC_23651

Type: Organism

Proper Citation

RRID:BDSC_23651

Organism Information

URL: <https://n2t.net/bdsc:23651>

Proper Citation: RRID:BDSC_23651

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=His2Av-mRFP1}II.2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Stefan Heidmann, University of Bayreuth

Affected Gene: His2Av, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 23651

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23651, BL23651

Organism Name: w[*]; P{w[+mC]=His2Av-mRFP1}II.2

Record Creation Time: 20240911T222410+0000

Record Last Update: 20260815T191532+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=His2Av-mRFP1}II.2.

No alerts have been found for $w[*]$; $P\{w[+mC]=\text{His2Av-mRFP1}\} \text{II.2.}$

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 63 mentions in open access literature.

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

Rinaldin M, et al. (2026) Robust cytoplasmic partitioning by solving a cytoskeletal instability. *Nature*, 651(8105), 501.

Burns EE, et al. (2026) Togaram Ensures Axial Alignment of the Sperm Neck. *bioRxiv* : the preprint server for biology.

Sui L, et al. (2026) Extracellular matrix restrains cell-cycle progression by nuclear exclusion of Yorkie in *Drosophila*. *Current biology* : CB, 36(2), 474.

Dima SS, et al. (2026) Global maps of transcription factor properties reveal threshold-based formation of DNA-bound and mobile clusters. *Science advances*, 12(9), eady3909.

George A, et al. (2025) Chemotaxis of *Drosophila* border cells is modulated by tissue geometry through dispersion of chemoattractants. *iScience*, 28(3), 111959.

Bao H, et al. (2025) Deep learning-based high-resolution time inference for deciphering dynamic gene regulation from fixed embryos. *Nature communications*, 16(1), 6565.

Budzyk M, et al. (2025) A novel DNA repair-independent role for Gen nuclease in promoting unscheduled polyploidy cell proliferation. *PLoS genetics*, 21(9), e1011605.

Beard EK, et al. (2025) Soma-to-germline BMP signal is essential for *Drosophila* spermiogenesis. *Developmental biology*, 517, 140.

Turner MA, et al. (2025) Novel Fluorescent and Photoconvertible Fusions Reveal Dorsal Activator Dynamics. *bioRxiv* : the preprint server for biology.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. *EMBO reports*, 26(5), 1238.

Gemeinhardt TM, et al. (2025) A disordered linker in the Polycomb protein Polyhomeotic tunes phase separation and oligomerization. *Molecular cell*, 85(11), 2128.

Deduyer I, et al. (2025) Dual modes of contractility tailor cytokinesis to the requirements of diverse tissues. *iScience*, 28(11), 113694.

Moura M, et al. (2025) Polo kinase inhibits protein phosphatase 1 to promote the spindle assembly checkpoint and prevent aneuploidy. *Current biology : CB*, 35(21), 5289.

Adebambo TH, et al. (2024) Arsenic impairs *Drosophila* neural stem cell mitotic progression and sleep behavior in a tauopathy model. *bioRxiv : the preprint server for biology*.

Warder BN, et al. (2024) An actomyosin network organizes niche morphology and responds to feedback from recruited stem cells. *Current biology : CB*, 34(17), 3917.

Turley J, et al. (2024) Deep learning for rapid analysis of cell divisions in vivo during epithelial morphogenesis and repair. *eLife*, 12.

Al Asafen H, et al. (2024) Dynamics of BMP signaling and stable gene expression in the early *Drosophila* embryo. *Biology open*, 13(9).

Forbes Beadle L, et al. (2024) A simple MiMIC-based approach for tagging endogenous genes to visualise live transcription in *Drosophila*. *Development (Cambridge, England)*, 151(24).

Turley J, et al. (2024) Deep learning reveals a damage signalling hierarchy that coordinates different cell behaviours driving wound re-epithelialisation. *Development (Cambridge, England)*, 151(18).

Bellec M, et al. (2024) Boosting the toolbox for live imaging of translation. *RNA (New York, N.Y.)*, 30(10), 1374.