

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

[w\[*\]; P{w\[+m*\]=GAL4-ey.H}4-8/CyO](#)

RRID:BDSC_5535

Type: Organism

Proper Citation

RRID:BDSC_5535

Organism Information

URL: <https://n2t.net/bdsc:5535>

Proper Citation: RRID:BDSC_5535

Description: Drosophila melanogaster with name w[*]; P{w[+m*]=GAL4-ey.H}4-8/CyO from BDSC.

Species: Drosophila melanogaster

Notes: CyO is a guess. Homozygous males are probably sterile. Donor: Walter Gehring, University of Basel

Affected Gene: ey, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5535

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5535, BL5535

Organism Name: w[*]; P{w[+m*]=GAL4-ey.H}4-8/CyO

Record Creation Time: 20240911T222153+0000

Record Last Update: 20260801T194615+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+m*]=GAL4-ey.H}4-8/CyO.

No alerts have been found for w[*]; P{w[+m*]=GAL4-ey.H}4-8/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Arroyo OM, et al. (2026) An RNAi-based platform for spatiotemporal control of histone gene expression during animal development. *Epigenetics & chromatin*, 19(1).

Arroyo OM, et al. (2025) An RNAi-based platform for spatiotemporal control of histone gene expression during animal development. *Research square*.

Banerjee SJ, et al. (2025) Teashirt and C-Terminal Binding Protein Interact to Regulate Drosophila Eye Development. *Genes*, 16(9).

Zhao H, et al. (2023) Hippo pathway and Bonus control developmental cell fate decisions in the Drosophila eye. *Developmental cell*, 58(5), 416.

Seong CS, et al. (2023) Loss of the endocytic tumor suppressor HD-PTP phenocopies LKB1 and promotes RAS-driven oncogenesis. *bioRxiv : the preprint server for biology*.

Parikh RY, et al. (2023) Hexavalent chromium-induced epigenetic instability and transposon activation lead to phenotypic variations and tumors in Drosophila. *Environmental epigenetics*, 9(1), dvac030.

McKowen JK, et al. (2022) The Drosophila BEAF insulator protein interacts with the polybromo subunit of the PBAP chromatin remodeling complex. *G3 (Bethesda, Md.)*, 12(11).

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. *Science advances*, 8(36), eabg3203.

Marshall ZD, et al. (2022) The Role of Even-Skipped in Drosophila Larval Somatosensory Circuit Assembly. *eNeuro*, 9(1).

Ahmad K, et al. (2021) The H3.3K27M oncohistone antagonizes reprogramming in Drosophila. *PLoS genetics*, 17(7), e1009225.

Gavory G, et al. (2021) A genetic screen in Drosophila uncovers the multifaceted properties of the NUP98-HOXA9 oncogene. *PLoS genetics*, 17(8), e1009730.

Chaouch A, et al. (2021) Histone H3.3 K27M and K36M mutations de-repress transposable elements through perturbation of antagonistic chromatin marks. *Molecular cell*, 81(23), 4876.

Joy J, et al. (2021) Proteostasis failure and mitochondrial dysfunction leads to aneuploidy-induced senescence. *Developmental cell*, 56(14), 2043.

??ahin HB, et al. (2020) Salt inducible kinases as novel Notch interactors in the developing *Drosophila* retina. *PloS one*, 15(6), e0234744.

Palladino J, et al. (2020) Targeted De Novo Centromere Formation in *Drosophila* Reveals Plasticity and Maintenance Potential of CENP-A Chromatin. *Developmental cell*, 52(3), 379.

Dong Y, et al. (2020) Promoter-Proximal Chromatin Domain Insulator Protein BEAF Mediates Local and Long-Range Communication with a Transcription Factor and Directly Activates a Housekeeping Promoter in *Drosophila*. *Genetics*, 215(1), 89.

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. *Developmental cell*, 49(3), 473.

Jia Y, et al. (2018) Next-generation CRISPR/Cas9 transcriptional activation in *Drosophila* using flySAM. *Proceedings of the National Academy of Sciences of the United States of America*, 115(18), 4719.

Seller CA, et al. (2018) Rif1 prolongs the embryonic S phase at the *Drosophila* mid-blastula transition. *PLoS biology*, 16(5), e2005687.

Blaquiere JA, et al. (2018) Homeodomain-interacting protein kinase promotes tumorigenesis and metastatic cell behavior. *Disease models & mechanisms*, 11(1).