

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=GAL4-nanos.NGT}40](#)

RRID:BDSC_4442

Type: Organism

Proper Citation

RRID:BDSC_4442

Organism Information

URL: <https://n2t.net/bdsc:4442>

Proper Citation: RRID:BDSC_4442

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=GAL4-nanos.NGT}40 from BDSC.

Species: Drosophila melanogaster

Notes: Chromosome may carry multiple insertions of P{GAL4-nos.NGT}. May be segregating CyO. Donor: Peter Gergen, State University of New York, Stony Brook

Affected Gene: GAL4, nanos, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 4442

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4442, BDSC:4442, BL4442

Organism Name: y[1] w[*]; P{w[+mC]=GAL4-nanos.NGT}40

Record Creation Time: 20240911T222144+0000

Record Last Update: 20260912T203102+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=GAL4-nanos.NGT}40.

No alerts have been found for y[1] w[*]; P{w[+mC]=GAL4-nanos.NGT}40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Kotb NM, et al. (2026) TORC1-dependent translation drives chromatin remodeling during the germ-cell-to-maternal transition in Drosophila. The EMBO journal, 45(5), 1648.

Venkat S, et al. (2026) Developmentally programmed nuclear pore complex replacement enables oocyte specification. bioRxiv : the preprint server for biology.

Jackson DJ, et al. (2025) CrebA regulation of secretory capacity: genome-wide transcription profiling coupled with in vivo DNA binding studies. Genetics, 231(4).

Stowers RS, et al. (2025) Multimerized epitope tags for high-sensitivity protein detection. G3 (Bethesda, Md.), 15(6).

Jackson DJ, et al. (2025) CrebA regulation of secretory capacity: Genome-wide transcription profiling coupled with in vivo DNA binding studies. bioRxiv : the preprint server for biology.

Kotb NM, et al. (2025) TORC1-driven translation of Nucleoporin44A promotes chromatin remodeling and germ cell-to-maternal transition in Drosophila. bioRxiv : the preprint server for biology.

Rosales-Nieves AE, et al. (2025) ETS transcription factor pointed controls germline survival in Drosophila. PLoS genetics, 21(8), e1011809.

Brand CL, et al. (2024) Recurrent Duplication and Diversification of a Vital DNA Repair Gene Family Across Drosophila. Molecular biology and evolution, 41(6).

Li XC, et al. (2024) TF-High-Evolutionary: In Vivo Mutagenesis of Gene Regulatory Networks for the Study of the Genetics and Evolution of the Drosophila Regulatory Genome. Molecular biology and evolution, 41(8).

Cl??mot M, et al. (2024) mTORC1 is required for differentiation of germline stem cells in the Drosophila melanogaster testis. PloS one, 19(3), e0300337.

Kotb NM, et al. (2024) Genome organization regulates nuclear pore complex formation and promotes differentiation during *Drosophila* oogenesis. *Genes & development*, 38(9-10), 436.

Kagemann CH, et al. (2024) *Wolbachia pipientis* Modulates Germline Stem Cells and Gene Expression Associated with Ubiquitination and Histone Lysine Trimethylation to Rescue Fertility Defects in *Drosophila*. *Genetics*.

Sarkar K, et al. (2023) A feedback loop between heterochromatin and the nucleopore complex controls germ-cell-to-oocyte transition during *Drosophila* oogenesis. *Developmental cell*, 58(22), 2580.

Wenzel M, et al. (2023) *Wolbachia* infection at least partially rescues the fertility and ovary defects of several new *Drosophila melanogaster* bag of marbles protein-coding mutants. *PLoS genetics*, 19(10), e1011009.

Breznak SM, et al. (2023) H/ACA snRNP-dependent ribosome biogenesis regulates translation of polyglutamine proteins. *Science advances*, 9(25), eade5492.

Dobbelaere J, et al. (2023) A phylogenetic profiling approach identifies novel ciliogenesis genes in *Drosophila* and *C. elegans*. *The EMBO journal*, 42(16), e113616.

Kotb NM, et al. (2023) Genome organization regulates nuclear pore complex formation and promotes differentiation during *Drosophila* oogenesis. *bioRxiv : the preprint server for biology*.

Martin ET, et al. (2022) A translation control module coordinates germline stem cell differentiation with ribosome biogenesis during *Drosophila* oogenesis. *Developmental cell*, 57(7), 883.

Certel SJ, et al. (2022) A conditional GABAergic synaptic vesicle marker for *Drosophila*. *Journal of neuroscience methods*, 372, 109540.

Xu S, et al. (2022) HAP40 is a conserved central regulator of Huntingtin and a potential modulator of Huntington's disease pathogenesis. *PLoS genetics*, 18(7), e1010302.