

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

[P{w\[+mC\]=UAS-Dcr-2.D}1, w\[1118\];
P{w\[+mC\]=GAL4-nanos.NGT}40](#)

RRID:BDSC_25751

Type: Organism

Proper Citation

RRID:BDSC_25751

Organism Information

URL: <https://n2t.net/bdsc:25751>

Proper Citation: RRID:BDSC_25751

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-nanos.NGT}40 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 in the female germline. Donor: Transgenic RNAi Project

Affected Gene: GAL4, nanos, Dcr-2, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25751

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25751, BL25751

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-nanos.NGT}40

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260801T194948+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-nanos.NGT}40.

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; 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 41 mentions in open access literature.

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

Azlan A, et al. (2025) Female-germline specific protein Sakura interacts with Otu and is crucial for germline stem cell renewal and differentiation and oogenesis. eLife, 13.

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.

Eldridge-Thomas BL, et al. (2025) The transmembrane protein Syndecan is required for stem cell survival and maintenance of their nuclear properties. PLoS genetics, 21(2), e1011586.

Azlan A, et al. (2025) MYCBP interacts with Sakura and Otu and is essential for germline stem cell renewal and differentiation and oogenesis. bioRxiv : the preprint server for biology.

Morgunova V, et al. (2025) RNA-binding protein Ars2 mediates transcriptional silencing of telomeric repeats and transposable elements in the Drosophila germline. Nucleic acids research, 53(10).

Tarikere S, et al. (2025) Chinmo is a novel regulator of differential Hippo signaling response within a single developing organ. bioRxiv : the preprint server for biology.

Azlan A, et al. (2025) MYCBP interacts with Sakura and Otu and is essential for germline stem cell renewal and differentiation and oogenesis. PLoS genetics, 21(12), e1011792.

Azlan A, et al. (2025) Female-germline specific protein Sakura interacts with Otu and is crucial for germline stem cell renewal and differentiation and oogenesis. bioRxiv : the preprint server for biology.

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

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

Kochendoerfer AM, et al. (2023) Centromere proteins are asymmetrically distributed between newly divided germline stem and daughter cells and maintain a balanced niche in *Drosophila* males. *Molecular biology of the cell*, 34(5), ar42.

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

Wang ZH, et al. (2023) Mechanical stimulation from the surrounding tissue activates mitochondrial energy metabolism in *Drosophila* differentiating germ cells. *Developmental cell*, 58(21), 2249.

Saha B, et al. (2023) Germline protein, Cup, non-cell autonomously limits migratory cell fate in *Drosophila* oogenesis. *PLoS genetics*, 19(2), e1010631.

Gui J, et al. (2023) Simultaneous activation of Tor and suppression of ribosome biogenesis by TRIM-NHL proteins promotes terminal differentiation. *Cell reports*, 42(3), 112181.

Ramesh R, et al. (2023) Dietary Sugar Shifts Mitochondrial Metabolism and Small RNA Biogenesis in Sperm. *Antioxidants & redox signaling*, 38(16-18), 1167.

Fefelova EA, et al. (2022) Impaired function of rDNA transcription initiation machinery leads to derepression of ribosomal genes with insertions of R2 retrotransposon. *Nucleic acids research*, 50(2), 867.

Tarikere S, et al. (2022) Distinct gene expression dynamics in germ line and somatic tissue during ovariole morphogenesis in *Drosophila melanogaster*. *G3 (Bethesda, Md.)*, 12(2).

Palumbo RJ, et al. (2022) A clinically-relevant residue of POLR1D is required for *Drosophila* development. *Developmental dynamics : an official publication of the American Association of Anatomists*, 251(11), 1780.

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.