

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[y\[1\] w\[*\] P{w\[+mC\]=bam-GAL4:VP16}1](#)

RRID:BDSC_80579

Type: Organism

Proper Citation

RRID:BDSC_80579

Organism Information

URL: <https://n2t.net/bdsc:80579>

Proper Citation: RRID:BDSC_80579

Description: Drosophila melanogaster with name y[1] w[*] P{w[+mC]=bam-GAL4:VP16}1 from BDSC.

Species: Drosophila melanogaster

Notes: This stock is Wolbachia-free per M. Phelps 10/21/2022. Donor: Kim McKim, Rutgers University, New Brunswick; Donor's Source: Margaret T. Fuller, Stanford University School of Medicine

Affected Gene: bam, GAL4, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 80579

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80579, BL80579

Organism Name: y[1] w[*] P{w[+mC]=bam-GAL4:VP16}1

Record Creation Time: 20240911T223233+0000

Record Last Update: 20260801T200048+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{w[+mC]=bam-GAL4:VP16}1.

No alerts have been found for y[1] w[*] P{w[+mC]=bam-GAL4:VP16}1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Buhr A, et al. (2025) Neprilysin 4 controls acrosome structure and male fertility in *Drosophila melanogaster*. *Communications biology*, 8(1), 1701.

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*.

Bener MB, et al. (2025) Detection of dedifferentiated stem cells in the *Drosophila* testis. *iScience*, 28(10), 113564.

Xu D, et al. (2025) RpS24 Is Required for Meiotic Divisions and Spermatid Differentiation During *Drosophila* Spermatogenesis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(11), e70646.

Meng X, et al. (2025) Intrinsically weak sex chromosome drive through sequential asymmetric meiosis. *Science advances*, 11(19), eadv7089.

Fingerhut JM, et al. (2024) Co-transcriptional splicing facilitates transcription of gigantic genes. *PLoS genetics*, 20(6), e1011241.

Roach TV, et al. (2024) Mating-induced Ecdysone in the testis disrupts soma-germline contacts and stem cell cytokinesis. *Development (Cambridge, England)*, 151(11).

Petit C, et al. (2024) The evolutionarily conserved PhLP3 is essential for sperm development in *Drosophila melanogaster*. *PLoS one*, 19(10), e0306676.

Falo-Sanjuan J, et al. (2024) Targeted mutagenesis of specific genomic DNA sequences in animals for the in vivo generation of variant libraries. *bioRxiv : the preprint server for biology*.

Netherton JK, et al. (2024) The role of HnrnpF/H as a driver of oligoteratozoospermia. *iScience*, 27(7), 110198.

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

Beachum AN, et al. (2023) γ -importin Tnpo-SR promotes germline stem cell maintenance and oocyte differentiation in female *Drosophila*. *Developmental biology*, 494, 1.

Sperling AL, et al. (2023) Protocol for screening facultative parthenogenesis in *Drosophila*. *STAR protocols*, 4(4), 102585.

Godneeva B, et al. (2023) SUMOylation of Bonus, the *Drosophila* homolog of Transcription Intermediary Factor 1, safeguards germline identity by recruiting repressive chromatin complexes to silence tissue-specific genes. *bioRxiv : the preprint server for biology*.

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

Chen P, et al. (2023) Genetic control of a sex-specific piRNA program. *Current biology : CB*, 33(9), 1825.

Santos IB, et al. (2023) Mob4 is essential for spermatogenesis in *Drosophila melanogaster*. *Genetics*, 224(4).

Roach TV, et al. (2023) Mating-induced ecdysone in the testis disrupts soma-germline contacts and stem cell cytokinesis. *bioRxiv : the preprint server for biology*.

Fang Y, et al. (2023) RpS3 Is Required for Spermatogenesis of *Drosophila melanogaster*. *Cells*, 12(4).

Anderson JT, et al. (2023) Chromosome-specific maturation of the epigenome in the *Drosophila* male germline. *eLife*, 12.