

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

w[1118]; P{w[+mC]=UAS-Myc.Z}132

RRID:BDSC_9674

Type: Organism

Proper Citation

RRID:BDSC_9674

Organism Information

URL: <https://n2t.net/bdsc:9674>

Proper Citation: RRID:BDSC_9674

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Myc.Z}132 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Laura Johnston, Columbia University

Affected Gene: Myc, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9674

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9674, BL9674

Organism Name: w[1118]; P{w[+mC]=UAS-Myc.Z}132

Record Creation Time: 20240911T222227+0000

Record Last Update: 20260808T194352+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Myc.Z}132.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Myc.Z}132.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

González-Blanco A, et al. (2026) Proteostasis failure and mitochondrial dysfunction contribute to chromosomal instability-induced microcephaly. *Nature communications*, 17(1).

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. *bioRxiv : the preprint server for biology*.

Hsu FT, et al. (2025) Myc and Tor drive growth and cell competition in the regeneration blastema of Drosophila wing imaginal discs. *Development (Cambridge, England)*, 152(24).

Zhu Y, et al. (2025) Epithelial cell competition is promoted by signaling from immune cells. *Nature communications*, 16(1), 3710.

Hsu FT, et al. (2025) Myc and Tor drive growth and cell competition in the regeneration blastema of Drosophila wing imaginal discs. *bioRxiv : the preprint server for biology*.

Periasamy A, et al. (2025) Structure of an ex vivo Drosophila TOM complex determined by single-particle cryoEM. *IUCrJ*, 12(Pt 1), 49.

Kharrat B, et al. (2025) A novel role for Hsc70-4 in blood cell differentiation in Drosophila. *Frontiers in immunology*, 16, 1641695.

Paul PK, et al. (2024) Maintenance of proteostasis by Drosophila Rer1 is essential for competitive cell survival and Myc-driven overgrowth. *PLoS genetics*, 20(2), e1011171.

Khaket TP, et al. (2024) Ribosome stalling during c-myc translation presents actionable cancer cell vulnerability. *PNAS nexus*, 3(8), pgae321.

Kumar N, et al. (2024) Balancing competing effects of tissue growth and cytoskeletal regulation during Drosophila wing disc development. *Nature communications*, 15(1), 2477.

Nguyen PK, et al. (2024) *Drosophila* medulla neuroblast termination via apoptosis, differentiation, and gliogenic switch is scheduled by the depletion of the neuroepithelial stem cell pool. *eLife*, 13.

Yu H, et al. (2024) Tissue-specific O-GlcNAcylation profiling identifies substrates in translational machinery in *Drosophila* mushroom body contributing to olfactory learning. *eLife*, 13.

Soares CC, et al. (2024) Autocrine glutamate signaling drives cell competition in *Drosophila*. *Developmental cell*, 59(22), 2974.

Sperling AL, et al. (2023) A genetic basis for facultative parthenogenesis in *Drosophila*. *Current biology : CB*, 33(17), 3545.

Abidi SNF, et al. (2023) Regenerative growth is constrained by brain tumor to ensure proper patterning in *Drosophila*. *PLoS genetics*, 19(12), e1011103.

Gervé MP, et al. (2023) Myc-regulated miRNAs modulate p53 expression and impact animal survival under nutrient deprivation. *PLoS genetics*, 19(8), e1010721.

Ho MT, et al. (2022) γ -Phenylalanyl tRNA synthetase competes with Notch signaling through its N-terminal domain. *PLoS genetics*, 18(4), e1010185.

Taylor JR, et al. (2022) Sirt6 regulates lifespan in *Drosophila melanogaster*. *Proceedings of the National Academy of Sciences of the United States of America*, 119(5).

Zhu JY, et al. (2022) SARS-CoV-2 Nsp6 damages *Drosophila* heart and mouse cardiomyocytes through MGA/MAX complex-mediated increased glycolysis. *Communications biology*, 5(1), 1039.

Pizzo L, et al. (2021) Functional assessment of the "two-hit" model for neurodevelopmental defects in *Drosophila* and *X. laevis*. *PLoS genetics*, 17(4), e1009112.