

Resource Summary Report

Generated by [ASWG](#) on Aug 25, 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: 20260815T191320+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.

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

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.

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

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

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

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.