

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2

RRID:BDSC_1776

Type: Organism

Proper Citation

RRID:BDSC_1776

Organism Information

URL: <https://n2t.net/bdsc:1776>

Proper Citation: RRID:BDSC_1776

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: Eco\lacZ, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 1776

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_1776, BL1776

Organism Name: w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2

Record Creation Time: 20240911T222129+0000

Record Last Update: 20260815T191211+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-lacZ.B}Bg4-1-2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Kawaguchi K, et al. (2026) Linear ubiquitination triggers Amph-mediated T-tubule biogenesis. Science advances, 12(2), eady4934.

Vuong LT, et al. (2026) Nuclear translocation of β -catenin in Wg/Wnt signaling via the IFT-A microtubule-associated complex requires Pasovec/Gid8 proteins. Science advances, 12(14), eaea3382.

Zmojdzian M, et al. (2026) Drosophila ryanodine receptor gene triggers functional and developmental muscle properties and could be used to assess the impact of human RYR1 mutations. eLife, 15.

Anderson N, et al. (2025) Vnd and En are expressed in orthogonal stripes and act in a brief competence window to combinatorially specify NB7-1 and its early lineage. bioRxiv : the preprint server for biology.

Vuong LT, et al. (2025) A novel conserved protein associates with the IFT-A complex to mediate nuclear translocation of β -catenin in Wg/Wnt-signaling. bioRxiv : the preprint server for biology.

Kang SW, et al. (2025) Drosophila ubiquitin-specific peptidase 14 stabilizes the PERIOD protein by regulating a ubiquitin ligase SLIMB. Communications biology, 8(1), 191.

Ham SJ, et al. (2025) Reciprocal rescue of Wolfram syndrome by two causative genes. EMBO reports, 26(9), 2459.

Dong KX, et al. (2025) Endosome-associated Rab GTPases control distinct aspects of neural circuit assembly. bioRxiv : the preprint server for biology.

Taoka H, et al. (2025) Transcriptional dynamics uncover the role of BNIP3 in mitophagy during muscle remodeling in Drosophila. eLife, 14.

Li J, et al. (2025) A regulator of amino acid sensing links lipid peroxidation and lipid droplet-dependent antioxidant response. Molecular cell, 85(17), 3225.

Ostgaard CM, et al. (2025) A double-assurance mechanism restrains generation of high potential transit-amplifying progenitors during neurogenesis. *bioRxiv : the preprint server for biology*.

Chasse AY, et al. (2024) Professional phagocytes are recruited for the clearance of obsolete nonprofessional phagocytes in the *Drosophila* ovary. *Frontiers in immunology*, 15, 1389674.

Vuong LT, et al. (2024) Wg/Wnt-signaling-induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interference with the IFT-A complex. *Cell reports*, 43(6), 114362.

Hasan A, et al. (2024) Bcl-2 Orthologues, Buffy and Debcl, Can Suppress Drp1-Dependent Age-Related Phenotypes in *Drosophila*. *Biomolecules*, 14(9).

Merrill CB, et al. (2024) Iterative assay for transposase-accessible chromatin by sequencing to isolate functionally relevant neuronal subtypes. *Science advances*, 10(13), eadi4393.

Fischer F, et al. (2024) A mismatch in the expression of cell surface molecules induces tissue-intrinsic defense against aberrant cells. *Current biology : CB*, 34(5), 980.

Yu X, et al. (2024) Tai/NCOA2 suppresses the Hedgehog pathway by directly targeting the transcription factor Ci/GLI. *Proceedings of the National Academy of Sciences of the United States of America*, 121(47), e2409380121.

Lo Piccolo L, et al. (2023) A Novel *Drosophila*-based Drug Repurposing Platform Identified Fingolimod As a Potential Therapeutic for TDP-43 Proteinopathy. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 20(5), 1330.

Barwell T, et al. (2023) Juvenile and adult expression of polyglutamine expanded huntingtin produce distinct aggregate distributions in *Drosophila* muscle. *Human molecular genetics*, 32(16), 2656.

Barwell T, et al. (2023) Comparison of GAL80ts and Tet-off GAL80 transgenes. *microPublication biology*, 2023.