

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[w\[1118\]; P{w\[+mW.hs\]=GawB}path\[c135\]](#)

RRID:BDSC_6978

Type: Organism

Proper Citation

RRID:BDSC_6978

Organism Information

URL: <https://n2t.net/bdsc:6978>

Proper Citation: RRID:BDSC_6978

Description: Drosophila melanogaster with name w[1118]; P{w[+mW.hs]=GawB}path[c135] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Norbert Perrimon, Harvard Medical School; Donor's Source: Lynn Manseau, University of Arizona

Affected Gene: GAL4, path, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 6978

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6978, BDSC:6978, BL6978

Organism Name: w[1118]; P{w[+mW.hs]=GawB}path[c135]

Record Creation Time: 20240911T222205+0000

Record Last Update: 20260905T135829+0000

Ratings and Alerts

No rating or validation information has been found for w[1118];
P{w[+mW.hs]=GawB}path[c135].

No alerts have been found for w[1118]; P{w[+mW.hs]=GawB}path[c135].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

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.

Kumar P, et al. (2025) A single catalytic domain residue regulates the substrate specificity of a mucin-type O-glycosyltransferase in salivary gland function. bioRxiv : the preprint server for biology.

Zhang L, et al. (2024) A novel cysteine-rich adaptor protein is required for mucin packaging and secretory granule stability in vivo. Proceedings of the National Academy of Sciences of the United States of America, 121(6), e2314309121.

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.

Zhu H, et al. (2024) Cellular and molecular organization of the Drosophila foregut. Proceedings of the National Academy of Sciences of the United States of America, 121(11), e2318760121.

Zhang L, et al. (2024) O-Glycosylation of a male seminal fluid protein influences sperm binding and female postmating behavior. PNAS nexus, 3(8), pgae322.

Vuong LT, et al. (2023) Wg/Wnt-signaling induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interaction with IFT-A in development and cancer cells. bioRxiv : the preprint server for biology.

Syed ZA, et al. (2022) Regulated Restructuring of Mucins During Secretory Granule Maturation In Vivo. Proceedings of the National Academy of Sciences of the United States

of America, 119(43), e2209750119.

Koca Y, et al. (2022) Notch-dependent Abl signaling regulates cell motility during ommatidial rotation in *Drosophila*. *Cell reports*, 41(10), 111788.

Reynolds HM, et al. (2019) Tango1 coordinates the formation of endoplasmic reticulum/Golgi docking sites to mediate secretory granule formation. *The Journal of biological chemistry*, 294(51), 19498.

Ji S, et al. (2018) A molecular switch orchestrates enzyme specificity and secretory granule morphology. *Nature communications*, 9(1), 3508.

Chang YC, et al. (2018) Temporal and spatial order of photoreceptor and glia projections into optic lobe in *Drosophila*. *Scientific reports*, 8(1), 12669.

Vuong LT, et al. (2018) Kinesin-2 and IFT-A act as a complex promoting nuclear localization of β -catenin during Wnt signalling. *Nature communications*, 9(1), 5304.