

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 27, 2025

[P{w\[+mW.hs\]=GawB}c306, w\[1118\]](#)

RRID:BDSC_3743

Type: Organism

Proper Citation

RRID:BDSC_3743

Organism Information

URL: <https://n2t.net/bdsc:3743>

Proper Citation: RRID:BDSC_3743

Description: Drosophila melanogaster with name P{w[+mW.hs]=GawB}c306, w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lynn Manseau, University of Arizona

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1

Catalog Number: 3743

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:3743, BL3743

Organism Name: P{w[+mW.hs]=GawB}c306, w[1118]

Record Creation Time: 20240911T222139+0000

Record Last Update: 20250420T053850+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mW.hs]=GawB}c306, w[1118].

No alerts have been found for P{w[+mW.hs]=GawB}c306, w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Goll AC, et al. (2024) Drosophila melanogaster c306 GAL4 is not specific to ovarian cells. *microPublication biology*, 2024.

Chen Y, et al. (2024) Collective cell migration relies on PPP1R15-mediated regulation of the endoplasmic reticulum stress response. *Current biology : CB*.

Mellentine SQ, et al. (2023) Specific prostaglandins are produced in the migratory cells and the surrounding substrate to promote Drosophila border cell migration. *bioRxiv : the preprint server for biology*.

Boutet A, et al. (2023) ArfGAP1 regulates the endosomal sorting of guidance receptors to promote directed collective cell migration in vivo. *iScience*, 26(8), 107467.

Molina López E, et al. (2023) Constriction imposed by basement membrane regulates developmental cell migration. *PLoS biology*, 21(6), e3002172.

Penfield L, et al. (2023) Nuclear lamin facilitates collective border cell invasion into confined spaces in vivo. *The Journal of cell biology*, 222(11).

Weichselberger V, et al. (2022) Eya-controlled affinity between cell lineages drives tissue self-organization during Drosophila oogenesis. *Nature communications*, 13(1), 6377.

Zinshteyn D, et al. (2022) Stonewall prevents expression of ectopic genes in the ovary and accumulates at insulator elements in *D. melanogaster*. *PLoS genetics*, 18(3), e1010110.

Campanale JP, et al. (2022) A Scribble/Cdep/Rac pathway controls follower-cell crawling and cluster cohesion during collective border-cell migration. *Developmental cell*, 57(21), 2483.

Miao G, et al. (2022) Border cell polarity and collective migration require the spliceosome component Cactin. *The Journal of cell biology*, 221(7).

Sahu A, et al. (2021) Germline soma communication mediated by gap junction proteins regulates epithelial morphogenesis. *PLoS genetics*, 17(8), e1009685.

Lamb MC, et al. (2021) Fascin limits Myosin activity within *Drosophila* border cells to control substrate stiffness and promote migration. *eLife*, 10.

Sadanandappa MK, et al. (2021) Neuropeptide F signaling regulates parasitoid-specific germline development and egg-laying in *Drosophila*. *PLoS genetics*, 17(3), e1009456.

Badmos H, et al. (2021) *Drosophila* USP22/nonstop polarizes the actin cytoskeleton during collective border cell migration. *The Journal of cell biology*, 220(7).

Yoshinari Y, et al. (2020) Neuronal octopamine signaling regulates mating-induced germline stem cell increase in female *Drosophila melanogaster*. *eLife*, 9.

Chen Y, et al. (2020) Protein phosphatase 1 activity controls a balance between collective and single cell modes of migration. *eLife*, 9.

Barth JM, et al. (2012) The lack of autophagy triggers precocious activation of Notch signaling during *Drosophila* oogenesis. *BMC developmental biology*, 12, 35.