

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

[w\[*\]; P{w\[+mC\]=GAL4-btl.S}2, P{w\[+mC\]=UASp-Act5C.T:GFP}2/CyO, P{w\[+m*\]=lacZ.w\[+\]}276](#)

RRID:BDSC_8807

Type: Organism

Proper Citation

RRID:BDSC_8807

Organism Information

URL: <https://n2t.net/bdsc:8807>

Proper Citation: RRID:BDSC_8807

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GAL4-btl.S}2, P{w[+mC]=UASp-Act5C.T:GFP}2/CyO, P{w[+m*]=lacZ.w[+]}276 from BDSC.

Species: Drosophila melanogaster

Notes: UAS construct formerly listed mistakenly as P{UAS-Act5C.T:GFP}. Donor: Peter Kolodziej, Vanderbilt University

Affected Gene: btl, GAL4, Act5C, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8807

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8807, BL8807

Organism Name: w[*]; P{w[+mC]=GAL4-btl.S}2, P{w[+mC]=UASp-Act5C.T:GFP}2/CyO, P{w[+m*]=lacZ.w[+]}276

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260801T194659+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]$; $P\{w[+mC]=GAL4-btI.S\}2$, $P\{w[+mC]=UASp-Act5C.T:GFP\}2/CyO$, $P\{w[+m*]=lacZ.w[+]\}276$.

No alerts have been found for $w[*]$; $P\{w[+mC]=GAL4-btI.S\}2$, $P\{w[+mC]=UASp-Act5C.T:GFP\}2/CyO$, $P\{w[+m*]=lacZ.w[+]\}276$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology* : CB, 36(2), 387.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. *EMBO reports*, 26(5), 1238.

Miao H, et al. (2025) Electrical silencing of dendritic arborization neurons rescues toxic polyglutamine-induced locomotion defect. *Fly*, 19(1), 2519687.

Mellentine SQ, et al. (2023) Specific prostaglandins are produced in the migratory cells and the surrounding substrate to promote *Drosophila* border cell migration. *Frontiers in cell and developmental biology*, 11, 1257751.

Townsend LN, et al. (2023) Cdk12 maintains the integrity of adult axons by suppressing actin remodeling. *Cell death discovery*, 9(1), 348.

Cotsworth S, et al. (2022) Characterization of Gfat1 (zeppelin) and Gfat2, Essential Paralogous Genes Which Encode the Enzymes That Catalyze the Rate-Limiting Step in the Hexosamine Biosynthetic Pathway in *Drosophila melanogaster*. *Cells*, 11(3).

Shen R, et al. (2022) A dRASSF-STRIPAK-Imd-JAK/STAT axis controls antiviral immune response in *Drosophila*. *Cell reports*, 40(4), 111143.

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

de Miguel C, et al. (2020) Dual role of FGF in proliferation and endoreplication of *Drosophila* tracheal adult progenitor cells. *Journal of molecular cell biology*, 12(1), 32.

Ma Z, et al. (2020) TrpML-mediated astrocyte microdomain Ca^{2+} transients regulate astrocyte-tracheal interactions. *eLife*, 9.

Tsai YW, et al. (2019) Glia-derived exosomal miR-274 targets Sprouty in trachea and synaptic boutons to modulate growth and responses to hypoxia. *Proceedings of the National Academy of Sciences of the United States of America*, 116(49), 24651.

DeAgüero AA, et al. (2019) Regulation of fiber-specific actin expression by the *Drosophila* SRF ortholog Blistered. *Development (Cambridge, England)*, 146(7).

Powers N, et al. (2019) JAK/STAT signaling is involved in air sac primordium development of *Drosophila melanogaster*. *FEBS letters*, 593(7), 658.

Kim DH, et al. (2018) Endocrine regulation of airway clearance in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 115(7), 1535.

Lloyd DL, et al. (2018) The *Drosophila* homologue of MEGF8 is essential for early development. *Scientific reports*, 8(1), 8790.

Poon CLC, et al. (2018) A Hippo-like Signaling Pathway Controls Tracheal Morphogenesis in *Drosophila melanogaster*. *Developmental cell*, 47(5), 564.