

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[y\[1\] w\[*\]; L\[1\]/CyO; P{w\[+mC\]=UAS-PLCdelta-PH-EGFP}3/TM6B, Tb\[1\]](#)

RRID:BDSC_39693

Type: Organism

Proper Citation

RRID:BDSC_39693

Organism Information

URL: <https://n2t.net/bdsc:39693>

Proper Citation: RRID:BDSC_39693

Description: Drosophila melanogaster with name y[1] w[*]; L[1]/CyO; P{w[+mC]=UAS-PLCdelta-PH-EGFP}3/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: L allele is a guess. Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: L, Tag:PH(hPLCD1), UAS, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 39693

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_39693, BL39693

Organism Name: y[1] w[*]; L[1]/CyO; P{w[+mC]=UAS-PLCdelta-PH-EGFP}3/TM6B, Tb[1]

Record Creation Time: 20240911T222640+0000

Record Last Update: 20260801T195243+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; L[1]/CyO; P{w[+mC]=UAS-PLCdelta-PH-EGFP}3/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; L[1]/CyO; P{w[+mC]=UAS-PLCdelta-PH-EGFP}3/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Mishra AK, et al. (2025) Hyperactive Rac converts sublethal nibbling to lethal phagocytosis in vivo. bioRxiv : the preprint server for biology.

Simon E, et al. (2025) Filopodia are essential for steroid release. Nature communications, 16(1), 5501.

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in Drosophila larvae. PLoS genetics, 20(4), e1011237.

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

Mishra AK, et al. (2023) Hyperactive Rac stimulates cannibalism of living target cells and enhances CAR-M-mediated cancer cell killing. Proceedings of the National Academy of Sciences of the United States of America, 120(52), e2310221120.

LaFoya B, et al. (2023) Consumption of a polarized membrane reservoir drives asymmetric membrane expansion during the unequal divisions of neural stem cells. Developmental cell, 58(11), 993.

Cazzagon G, et al. (2023) Polarized SCAR and the Arp2/3 complex regulate apical cortical remodeling in asymmetrically dividing neuroblasts. iScience, 26(7), 107129.

Hu L, et al. (2022) Myotubularin functions through actomyosin to interact with the Hippo pathway. EMBO reports, 23(12), e55851.

Inoshita T, et al. (2022) Parkinson disease-associated Leucine-rich repeat kinase regulates UNC-104-dependent axonal transport of Arl8-positive vesicles in Drosophila. iScience, 25(12), 105476.

Palomino-Schätzlein M, et al. (2022) A toolbox to study metabolic status of Drosophila melanogaster larvae. STAR protocols, 3(1), 101195.

Simões S, et al. (2022) Crumbs complex-directed apical membrane dynamics in epithelial cell ingression. *The Journal of cell biology*, 221(7).

Meyer C, et al. (2022) Formation and function of a highly specialised type of organelle in cardiac valve cells. *Development (Cambridge, England)*, 149(19).

Kunduri G, et al. (2022) Delivery of ceramide phosphoethanolamine lipids to the cleavage furrow through the endocytic pathway is essential for male meiotic cytokinesis. *PLoS biology*, 20(9), e3001599.

Juarez-Carreño S, et al. (2021) Body-fat sensor triggers ribosome maturation in the steroidogenic gland to initiate sexual maturation in *Drosophila*. *Cell reports*, 37(2), 109830.

LaFoya B, et al. (2021) Actin-dependent membrane polarization reveals the mechanical nature of the neuroblast polarity cycle. *Cell reports*, 35(7), 109146.

Peng YJ, et al. (2021) Minibrain kinase and calcineurin coordinate activity-dependent bulk endocytosis through synaptojanin. *The Journal of cell biology*, 220(12).

Wang X, et al. (2020) Temporal Coordination of Collective Migration and Lumen Formation by Antagonism between Two Nuclear Receptors. *iScience*, 23(7), 101335.

Li TN, et al. (2020) A positive feedback loop between Flower and PI(4,5)P2 at periaxial zones controls bulk endocytosis in *Drosophila*. *eLife*, 9.

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

Jiang N, et al. (2019) A conserved morphogenetic mechanism for epidermal ensheathment of nociceptive sensory neurites. *eLife*, 8.