Resource Summary Report

Generated by NIF on Sep 7, 2026

y[1] w[1]; Klp64D[k1]/TM3, y[+] Ser[1]

RRID:BDSC_5578
Type: Organism

Proper Citation

RRID:BDSC_5578

Organism Information

URL: https://n2t.net/bdsc:5578

Proper Citation: RRID:BDSC_5578

Description: Drosophila melanogaster with name y[1] w[1]; Klp64D[k1]/TM3, y[+] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: e[1]-like phenotype is present. Donor: Krishanu Ray, University of California, San Diego

Affected Gene: Klp64D, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 5578

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5578, BDSC:5578, BL5578

Organism Name: y[1] w[1]; Klp64D[k1]/TM3, y[+] Ser[1]

Record Creation Time: 20240911T222153+0000

Record Last Update: 20260905T135813+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1]; Klp64D[k1]/TM3, y[+] Ser[1].

No alerts have been found for y[1] w[1]; Klp64D[k1]/TM3, y[+] Ser[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Liew YT, et al. (2026) Loss and gain of motor protein function cause microtubule bundle damage in Drosophila axons. Current biology : CB, 36(3), 707.

Sperling AL, et al. (2023) A genetic basis for facultative parthenogenesis in Drosophila. Current biology : CB, 33(17), 3545.

Sperling AL, et al. (2023) Protocol for screening facultative parthenogenesis in Drosophila. STAR protocols, 4(4), 102585.

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

Vuong LT, et al. (2020) Role of Armadillo repeat 2 and kinesin-II motor subunit Klp64D for wingless signaling in Drosophila. Scientific reports, 10(1), 13864.

Jang YG, et al. (2020) Mislocalization of TORC1 to Lysosomes Caused by KIF11 Inhibition Leads to Aberrant TORC1 Activity. Molecules and cells, 43(8), 705.

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