# Resource Summary Report

Generated by nidm-terms on Aug 25, 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, BL5578

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

**Record Creation Time:** 20240911T222153+0000

**Record Last Update:** 20260815T191243+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 nidm-terms .


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.