

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[wnd\[1\] e\[1\]/TM3, Sb\[1\]](#)

RRID:BDSC_51641

Type: Organism

Proper Citation

RRID:BDSC_51641

Organism Information

URL: <https://n2t.net/bdsc:51641>

Proper Citation: RRID:BDSC_51641

Description: Drosophila melanogaster with name wnd[1] e[1]/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Aaron DiAntonio, Washington University School of Medicine

Affected Gene: e, Sb, wnd

Genomic Alteration: Chromosome 3

Catalog Number: 51641

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51641, BDSC:51641, BL51641

Organism Name: wnd[1] e[1]/TM3, Sb[1]

Record Creation Time: 20240911T222758+0000

Record Last Update: 20260905T140648+0000

Ratings and Alerts

No rating or validation information has been found for wnd[1] e[1]/TM3, Sb[1].

No alerts have been found for wnd[1] e[1]/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Honjo K, et al. (2018) BMP signaling downstream of the Highwire E3 ligase sensitizes nociceptors. PLoS genetics, 14(7), e1007464.

Li J, et al. (2017) Restraint of presynaptic protein levels by Wnd/DLK signaling mediates synaptic defects associated with the kinesin-3 motor Unc-104. eLife, 6.

Ma X, et al. (2015) Wallenda regulates JNK-mediated cell death in Drosophila. Cell death & disease, 6(5), e1737.

Xiong X, et al. (2010) Protein turnover of the Wallenda/DLK kinase regulates a retrograde response to axonal injury. The Journal of cell biology, 191(1), 211.

Shen W, et al. (2009) Autophagy promotes synapse development in Drosophila. The Journal of cell biology, 187(1), 71.