

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[bw\[1\]; st\[1\] AGO3\[t3\]/TM6B, Tb\[1\]](#)

RRID:BDSC_28270

Type: Organism

Proper Citation

RRID:BDSC_28270

Organism Information

URL: <https://n2t.net/bdsc:28270>

Proper Citation: RRID:BDSC_28270

Description: Drosophila melanogaster with name bw[1]; st[1] AGO3[t3]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Phillip Zamore, University of Massachusetts Medical School; Donor's Source: Charles Zuker, University of California, San Diego

Affected Gene: AGO3, bw, st, Tb

Genomic Alteration: Chromosome 2, Chromosome 3

Catalog Number: 28270

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28270, BL28270

Organism Name: bw[1]; st[1] AGO3[t3]/TM6B, Tb[1]

Record Creation Time: 20240911T222453+0000

Record Last Update: 20260829T185935+0000

Ratings and Alerts

No rating or validation information has been found for bw[1]; st[1] AGO3[t3]/TM6B, Tb[1].

No alerts have been found for bw[1]; st[1] AGO3[t3]/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bellec K, et al. (2026) Non-gonadal PIWIL1/Aubergine drives regenerative and tumorigenic stem cell proliferation and tumorigenesis in the intestine. *Cell reports*, 45(4), 117186.

Ho S, et al. (2026) Aub, Vasa, and Armi concentration in phase-separated nuage is dispensable for piRNA biogenesis and transposon silencing. *RNA (New York, N.Y.)*, 32(3), 341.

Lee SK, et al. (2025) Topoisomerase 3b facilitates piRNA biogenesis to promote transposon silencing and germ cell development. *Cell reports*, 44(4), 115495.

Fitz-James M, et al. (2025) Polycomb-mediated transgenerational epigenetic inheritance of *Drosophila* eye colour is independent of small RNAs. *Open biology*, 15(3), 240298.

Castelló-Sanjuán M, et al. (2025) Persistent viral infections impact key biological traits in *Drosophila melanogaster*. *PLoS biology*, 23(10), e3003437.

Lin Y, et al. (2023) Tejas functions as a core component in nuage assembly and precursor processing in *Drosophila* piRNA biogenesis. *The Journal of cell biology*, 222(10).

Ho S, et al. (2023) Aub, Vasa and Armi localization to phase separated nuage is dispensable for piRNA biogenesis and transposon silencing in *Drosophila*. *bioRxiv : the preprint server for biology*.

Iki T, et al. (2023) miRNA/siRNA-directed pathway to produce noncoding piRNAs from endogenous protein-coding regions ensures *Drosophila* spermatogenesis. *Science advances*, 9(29), eadh0397.

Warsinger-Pepe N, et al. (2020) Regulation of Nucleolar Dominance in *Drosophila melanogaster*. *Genetics*, 214(4), 991.