

Resource Summary Report

Generated by [NIF](#) on Aug 31, 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.