

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[w\[1118\]; P{w\[+mC\]=AstC-GAL4.TH}1M/TM6B, Tb\[1\]](#)

RRID:BDSC_52017

Type: Organism

Proper Citation

RRID:BDSC_52017

Organism Information

URL: <https://n2t.net/bdsc:52017>

Proper Citation: RRID:BDSC_52017

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: David Anderson & Kenta Asahina, California Institute of Technology

Affected Gene: AstC, GAL4, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 52017

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52017, BDSC:52017, BL52017

Organism Name: w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1]

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260905T140653+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=AstC-GAL4.TH}1M/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Sadanandappa MK, et al. (2026) GAL4-based functional screen of neuropeptides in Drosophila reproduction. PloS one, 21(3), e0345918.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. Science advances, 8(36), eabg3203.

Jugder BE, et al. (2022) Vibrio cholerae high cell density quorum sensing activates the host intestinal innate immune response. Cell reports, 40(12), 111368.

Schlichting M, et al. (2019) Neuron-specific knockouts indicate the importance of network communication to Drosophila rhythmicity. eLife, 8.