

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[P{w\[+mC\]=UAS-Abl.K417N}2; Abl\[1\] e\[*\]/TM6B, Tb\[1\]](#)

RRID:BDSC_8566

Type: Organism

Proper Citation

RRID:BDSC_8566

Organism Information

URL: <https://n2t.net/bdsc:8566>

Proper Citation: RRID:BDSC_8566

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Abl.K417N}2; Abl[1] e[*]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: David Van Vactor, Harvard Medical School

Affected Gene: Abl, e, UAS, Tb

Genomic Alteration: Chromosome 2, Chromosome 3

Catalog Number: 8566

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8566, BL8566

Organism Name: P{w[+mC]=UAS-Abl.K417N}2; Abl[1] e[*]/TM6B, Tb[1]

Record Creation Time: 20240911T222217+0000

Record Last Update: 20260829T185606+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Abl.K417N}2; Abl[1] e[*]/TM6B, Tb[1].

No alerts have been found for P{w[+mC]=UAS-Abl.K417N}2; Abl[1] e[*]/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 [NIF](#) .

Goins LM, et al. (2024) Wnt signaling couples G2 phase control with differentiation during hematopoiesis in Drosophila. *Developmental cell*, 59(18), 2477.

de Torres-Jurado A, et al. (2022) Glial-secreted Netrins regulate Robo1/Rac1-Cdc42 signaling threshold levels during Drosophila asymmetric neural stem/progenitor cell division. *Current biology : CB*, 32(10), 2174.

Marquilly C, et al. (2021) Htt is a repressor of Abl activity required for APP-induced axonal growth. *PLoS genetics*, 17(1), e1009287.

Kim N, et al. (2019) BMP-dependent synaptic development requires Abi-Abl-Rac signaling of BMP receptor macropinocytosis. *Nature communications*, 10(1), 684.

Bernardoni R, et al. (2019) A new BCR-ABL1 Drosophila model as a powerful tool to elucidate the pathogenesis and progression of chronic myeloid leukemia. *Haematologica*, 104(4), 717.

Sterne GR, et al. (2015) Dysregulated Dscam levels act through Abelson tyrosine kinase to enlarge presynaptic arbors. *eLife*, 4.