Resource Summary Report

Generated by dkNET on Sep 18, 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, 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: 20260912T203147+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 dkNET .

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.