

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

w[1118]; P{w[+mC]=UAS-Cdc42.V12}LL1

RRID:BDSC_4854

Type: Organism

Proper Citation

RRID:BDSC_4854

Organism Information

URL: <https://n2t.net/bdsc:4854>

Proper Citation: RRID:BDSC_4854

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Cdc42.V12}LL1 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Denise Montell, Johns Hopkins University School of Medicine

Affected Gene: Cdc42, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 4854

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4854, BL4854

Organism Name: w[1118]; P{w[+mC]=UAS-Cdc42.V12}LL1

Record Creation Time: 20240911T222147+0000

Record Last Update: 20260826T175103+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Cdc42.V12}LL1.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Cdc42.V12}LL1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Dominicci-Cotto C, et al. (2024) The Wingless planar cell polarity pathway is essential for optimal activity-dependent synaptic plasticity. *Frontiers in synaptic neuroscience*, 16, 1322771.

Wang CM, et al. (2023) Forgotten memory storage and retrieval in *Drosophila*. *Nature communications*, 14(1), 7153.

Gabbert AM, et al. (2023) Septins regulate border cell surface geometry, shape, and motility downstream of Rho in *Drosophila*. *Developmental cell*, 58(15), 1399.

Molina-Pelayo C, et al. (2022) The conserved Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization. *Life science alliance*, 5(12).

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.

Sidor C, et al. (2020) Rho-Kinase Planar Polarization at Tissue Boundaries Depends on Phospho-regulation of Membrane Residence Time. *Developmental cell*, 52(3), 364.

Dong W, et al. (2020) A polybasic domain in aPKC mediates Par6-dependent control of membrane targeting and kinase activity. *The Journal of cell biology*, 219(7).