

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

w[*]; P{w[+mC]=GFP-Rac1}20

RRID:BDSC_52284

Type: Organism

Proper Citation

RRID:BDSC_52284

Organism Information

URL: <https://n2t.net/bdsc:52284>

Proper Citation: RRID:BDSC_52284

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GFP-Rac1}20 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Susan Parkhurst, Fred Hutchinson Cancer Center

Affected Gene: Rac1, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 52284

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52284, BL52284

Organism Name: w[*]; P{w[+mC]=GFP-Rac1}20

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260801T195436+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GFP-Rac1}20.

No alerts have been found for w[*]; P{w[+mC]=GFP-Rac1}20.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Malin J, et al. (2024) Pten, PI3K, and PtdIns(3,4,5)P3 dynamics control pulsatile actin branching in Drosophila retina morphogenesis. *Developmental cell*, 59(12), 1593.

di Pietro F, et al. (2023) Systematic analysis of RhoGEF/GAP localizations uncovers regulators of mechanosensing and junction formation during epithelial cell division. *Current biology : CB*, 33(5), 858.

Zhou S, et al. (2022) Two Rac1 pools integrate the direction and coordination of collective cell migration. *Nature communications*, 13(1), 6014.

Kapoor T, et al. (2021) An actomyosin clamp assembled by the Amphiphysin-Rho1-Dia/DAAM-Rok pathway reinforces somatic cell membrane folded around spermatid heads. *Cell reports*, 34(13), 108918.

Del Signore SJ, et al. (2018) The WAVE Regulatory Complex and Branched F-Actin Counterbalance Contractile Force to Control Cell Shape and Packing in the Drosophila Eye. *Developmental cell*, 44(4), 471.