

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

w[*]; P{w[+mW.hs]=arm-GFP.P}83

RRID:BDSC_8555

Type: Organism

Proper Citation

RRID:BDSC_8555

Organism Information

URL: <https://n2t.net/bdsc:8555>

Proper Citation: RRID:BDSC_8555

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=arm-GFP.P}83 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Mark Peifer, University of North Carolina, Chapel Hill

Affected Gene: arm, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8555

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8555, BL8555

Organism Name: w[*]; P{w[+mW.hs]=arm-GFP.P}83

Record Creation Time: 20240911T222217+0000

Record Last Update: 20260808T194340+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=arm-GFP.P}83.

No alerts have been found for w[*]; P{w[+mW.hs]=arm-GFP.P}83.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Taneja N, et al. (2026) The actin crosslinker Fimbrin is required for force sensing at tricellular junctions. *Developmental cell*.

Taneja N, et al. (2025) Actin crosslinking is required for force sensing at tricellular junctions. *bioRxiv* : the preprint server for biology.

Bose A, et al. (2025) The pioneer transcription factor Zelda controls the exit from regeneration and restoration of patterning in *Drosophila*. *Science advances*, 11(23), eads5743.

Soulard M, et al. (2025) Elimination of cells with local mismatch in differentiation timing contributes to synchronize tissue development. *iScience*, 28(8), 113135.

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. *eLife*, 12.

Panzade S, et al. (2021) The Microtubule Minus-End Binding Protein Patronin Is Required for the Epithelial Remodeling in the *Drosophila* Abdomen. *Frontiers in cell and developmental biology*, 9, 682083.

Blackie L, et al. (2020) Cell-type-specific mechanical response and myosin dynamics during retinal lens development in *Drosophila*. *Molecular biology of the cell*, 31(13), 1355.

Portela M, et al. (2019) Glioblastoma cells vampirize WNT from neurons and trigger a JNK/MMP signaling loop that enhances glioblastoma progression and neurodegeneration. *PLoS biology*, 17(12), e3000545.

Hall ET, et al. (2019) Actomyosin contractility modulates Wnt signaling through adherens junction stability. *Molecular biology of the cell*, 30(3), 411.

Rousset R, et al. (2017) Signalling crosstalk at the leading edge controls tissue closure dynamics in the *Drosophila* embryo. *PLoS genetics*, 13(2), e1006640.