

Resource Summary Report

Generated by [NIF](#) on Aug 4, 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: 20260801T194651+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 9 mentions in open access literature.

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

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.