

Resource Summary Report

Generated by SPARC SAWG on Aug 14, 2026

P{w[+mC]=UAS-arm.S10}C, y[1] w[1118]

RRID:BDSC_4782

Type: Organism

Proper Citation

RRID:BDSC_4782

Organism Information

URL: <https://n2t.net/bdsc:4782>

Proper Citation: RRID:BDSC_4782

Description: Drosophila melanogaster with name P{w[+mC]=UAS-arm.S10}C, y[1] w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Amy Bejsovec, Duke University; Donor's Source: Mark Peifer, University of North Carolina, Chapel Hill

Affected Gene: arm, UAS, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 4782

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4782, BL4782

Organism Name: P{w[+mC]=UAS-arm.S10}C, y[1] w[1118]

Record Creation Time: 20240911T222146+0000

Record Last Update: 20260808T194301+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-arm.S10}C, y[1] w[1118].

No alerts have been found for P{w[+mC]=UAS-arm.S10}C, y[1] w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Anschütz S, et al. (2026) Hh and EGFR-Ras signaling promote distinct steps of tumor progression in the Drosophila follicle epithelium. *Nature communications*, 17(1).

Shen D, et al. (2026) Temporal neuronal differentiation programs safeguard neuronal diversity. *Proceedings of the National Academy of Sciences of the United States of America*, 123(14), e2527895123.

Rust K, et al. (2025) Independent signaling pathways provide a fail-safe mechanism to prevent tumorigenesis. *bioRxiv : the preprint server for biology*.

Cong B, et al. (2025) Colon cancer cells evade drug action by enhancing drug metabolism. *Oncogene*, 44(36), 3284.

Cong B, et al. (2025) WNT signalling promotes NF- κ B activation and drug resistance in KRAS-mutant colorectal cancer. *EMBO reports*, 26(23), 5728.

Ko BS, et al. (2024) Baf-mediated transcriptional regulation of teashirt is essential for the development of neural progenitor cell lineages. *Experimental & molecular medicine*, 56(2), 422.

Waghmare I, et al. (2024) A Tumor-Specific Molecular Network Promotes Tumor Growth in Drosophila by Enforcing a Jun N-Terminal Kinase-Yorkie Feedforward Loop. *Cancers*, 16(9).

Goins LM, et al. (2024) Wnt signaling couples G2 phase control with differentiation during hematopoiesis in Drosophila. *Developmental cell*, 59(18), 2477.

Sharma V, et al. (2024) E3 ubiquitin ligase Deltex facilitates the expansion of Wingless gradient and antagonizes Wingless signaling through a conserved mechanism of transcriptional effector Armadillo/ β -catenin degradation. *eLife*, 12.

Cong B, et al. (2023) Colon Cancer Cells Evade Drug Action by Enhancing Drug Metabolism. *bioRxiv : the preprint server for biology*.

Vuong LT, et al. (2023) Wg/Wnt-signaling induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interaction with IFT-A in development and cancer cells. bioRxiv : the preprint server for biology.

Cong B, et al. (2023) WNT Signalling Promotes NF- κ B Activation and Drug Resistance in KRAS-Mutant Colorectal Cancer. bioRxiv : the preprint server for biology.

Akiyama T, et al. (2022) The feedback regulator Nord controls Dpp/BMP signaling via extracellular interaction with Dally in the Drosophila wing. Developmental biology, 488, 91.

Chen TA, et al. (2022) Canonical Wnt Signaling Promotes Formation of Somatic Permeability Barrier for Proper Germ Cell Differentiation. Frontiers in cell and developmental biology, 10, 877047.

Koehler S, et al. (2022) A protective role for *Drosophila* Filamin in nephrocytes via Yorkie mediated hypertrophy. Life science alliance, 5(12).

Hale C, et al. (2022) Armadillo regulates nociceptive sensitivity in the absence of injury. Molecular pain, 18, 1744806922111155.

Al Hayek S, et al. (2021) Steroid-dependent switch of OvoL/Shavenbaby controls self-renewal versus differentiation of intestinal stem cells. The EMBO journal, 40(4), e104347.

Sokolova OA, et al. (2020) Special vulnerability of somatic niche cells to transposable element activation in Drosophila larval ovaries. Scientific reports, 10(1), 1076.

Mehrotra S, et al. (2020) Defective Proventriculus Regulates Cell Specification in the Gastric Region of Drosophila Intestine. Frontiers in physiology, 11, 711.

Lin KY, et al. (2020) Piwi reduction in the aged niche eliminates germline stem cells via Toll-GSK3 signaling. Nature communications, 11(1), 3147.