

Resource Summary Report

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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: 20250420T053919+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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).

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.

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

Cong B, et al. (2023) Colon Cancer Cells Evade Drug Action by Enhancing Drug Metabolism. *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*.

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*.

Hale C, et al. (2022) Armadillo regulates nociceptive sensitivity in the absence of injury. *Molecular pain*, 18, 17448069221111155.

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).

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.

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.

Vishal K, et al. (2020) FGF signaling promotes myoblast proliferation through activation of wingless signaling. Developmental biology, 464(1), 1.

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

Waghmare I, et al. (2020) Dally-like protein sequesters multiple Wnt ligands in the Drosophila germarium. Developmental biology, 464(1), 88.

Nam S, et al. (2020) Wingless and Archipelago, a fly E3 ubiquitin ligase and a homolog of human tumor suppressor FBW7, show an antagonistic relationship in wing development. BMC developmental biology, 20(1), 14.

Kotov AA, et al. (2020) The Drosophila RNA Helicase Belle (DDX3) Non-Autonomously Suppresses Germline Tumorigenesis Via Regulation of a Specific mRNA Set. Cells, 9(3).

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.

Wang X, et al. (2018) Wnt6 maintains anterior escort cells as an integral component of the germline stem cell niche. Development (Cambridge, England), 145(3).

Xu K, et al. (2018) Temporospatial induction of homeodomain gene cut dictates natural lineage reprogramming. eLife, 7.