

# Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Df(1)JA27/FM7c, P{w[+mC]=GAL4-Kr.C}DC1,  
P{w[+mC]=UAS-GFP.S65T}DC5, sn[+]

RRID:BDSC\_5193

Type: Organism

## Proper Citation

RRID:BDSC\_5193

## Organism Information

**URL:** <https://n2t.net/bdsc:5193>

**Proper Citation:** RRID:BDSC\_5193

**Description:** Drosophila melanogaster with name Df(1)JA27/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Thomas Kornberg, University of California, San Francisco; Donor's Source: David Casso, University of California, San Francisco

**Affected Gene:** GAL4, Kr, Avic\GFP, UAS, sn

**Genomic Alteration:** Chromosome 1

**Catalog Number:** 5193

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_5193, BDSC:5193, BL5193

**Organism Name:** Df(1)JA27/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+]

**Record Creation Time:** 20240911T222150+0000

**Record Last Update:** 20260905T135808+0000

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## Ratings and Alerts

No rating or validation information has been found for Df(1)JA27/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+].

No alerts have been found for Df(1)JA27/FM7c, P{w[+mC]=GAL4-Kr.C}DC1, P{w[+mC]=UAS-GFP.S65T}DC5, sn[+].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Holland C, et al. (2025) A role for Myo-II zipper and spaghetti squash in Gliotactin-dependent Drosophila melanogaster wing hair planar cell polarity. PloS one, 20(7), e0328970.

Blackmer JE, et al. (2025) Synaptic vesicle glycoprotein 2 enables viable aneuploidy following centrosome amplification. Genetics.

Inaki M, et al. (2024) Distinct cellular and junctional dynamics independently regulate the rotation and elongation of the embryonic gut in Drosophila. PLoS genetics, 20(10), e1011422.

Kaneko S, et al. (2024) Mettl1-dependent m7G tRNA modification is essential for maintaining spermatogenesis and fertility in Drosophila melanogaster. Nature communications, 15(1), 8147.

Yamamoto-Matsuda H, et al. (2022) Lint-O cooperates with L(3)mbt in target gene suppression to maintain homeostasis in fly ovary and brain. EMBO reports, 23(10), e53813.

Mitchell C, et al. (2022) The Drosophila Mutagen-Sensitivity Gene mus109 Encodes DmDNA2. Genes, 13(2).

Ravenscroft TA, et al. (2020) Drosophila Voltage-Gated Sodium Channels Are Only Expressed in Active Neurons and Are Localized to Distal Axonal Initial Segment-like Domains. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(42), 7999.

Ray S, et al. (2019) The mlpt/Ubr3/Svb module comprises an ancient developmental switch for embryonic patterning. eLife, 8.

Cheutin T, et al. (2018) Loss of PRC1 induces higher-order opening of Hox loci independently of transcription during *Drosophila* embryogenesis. *Nature communications*, 9(1), 3898.