

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

Atg5[5cc5]/FM7i, P{w[+mC]=ActGFP}JMR3

RRID:BDSC_91419

Type: Organism

Proper Citation

RRID:BDSC_91419

Organism Information

URL: <https://n2t.net/bdsc:91419>

Proper Citation: RRID:BDSC_91419

Description: Drosophila melanogaster with name Atg5[5cc5]/FM7i, P{w[+mC]=ActGFP}JMR3 from BDSC.

Species: Drosophila melanogaster

Notes: 3xP3-RFP is present which likely indicates that the stock also carries a transgene expressing Cas9. Identification of the green balancer as FM7i, P{ActGFP}JMR3 is a guess. Donor: Myungjin Kim & Jun Hee Lee, University of Michigan, Ann Arbor; Donor's Source: Gabor Juhasz, Eotvos Lorand University

Affected Gene: Atg5, Act5C, Avic\GFP

Genomic Alteration: Chromosome 1

Catalog Number: 91419

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91419, BL91419

Organism Name: Atg5[5cc5]/FM7i, P{w[+mC]=ActGFP}JMR3

Record Creation Time: 20240911T223419+0000

Record Last Update: 20260829T191209+0000

Ratings and Alerts

No rating or validation information has been found for Atg5[5cc5]/FM7i, P{w[+mC]=ActGFP}JMR3.

No alerts have been found for Atg5[5cc5]/FM7i, P{w[+mC]=ActGFP}JMR3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zipper L, et al. (2026) Frazzled/DCC directs spatial progenitor integration ensuring steady-state intestinal turnover. Nature communications, 17(1).

Tan JYK, et al. (2024) Interplay between autophagy and CncC regulates dendrite pruning in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310740121.