

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

P{w[+mC]=GMR-APP-GAL4}2, P{w[+mC]=UAS-grim.Y}2/CyO

RRID:BDSC_52016

Type: Organism

Proper Citation

RRID:BDSC_52016

Organism Information

URL: <https://n2t.net/bdsc:52016>

Proper Citation: RRID:BDSC_52016

Description: Drosophila melanogaster with name P{w[+mC]=GMR-APP-GAL4}2, P{w[+mC]=UAS-grim.Y}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: May have w[-] allele on X chromosome. Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Ming Guo, UCLA School of Medicine

Affected Gene: GAL4, GMR, Hsap\APP, grim, UAS

Genomic Alteration: Chromosome 2

Catalog Number: 52016

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52016, BL52016

Organism Name: P{w[+mC]=GMR-APP-GAL4}2, P{w[+mC]=UAS-grim.Y}2/CyO

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260725T195549+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=GMR-APP-GAL4}2, P{w[+mC]=UAS-grim.Y}2/CyO.

No alerts have been found for P{w[+mC]=GMR-APP-GAL4}2, P{w[+mC]=UAS-grim.Y}2/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sadanandappa MK, et al. (2024) Parasitoid cues modulate Drosophila germline development and stem cell proliferation. Cell reports, 43(1), 113657.

Pang L, et al. (2022) Search performance and octopamine neuronal signaling mediate parasitoid induced changes in Drosophila oviposition behavior. Nature communications, 13(1), 4476.

Sha K, et al. (2014) Regulation of ethanol-related behavior and ethanol metabolism by the Corazonin neurons and Corazonin receptor in Drosophila melanogaster. PloS one, 9(1), e87062.