

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

OP109

RRID:WB-STRAIN:WBStrain00030010

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030010

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030010>

Proper Citation: RRID:WB-STRAIN:WBStrain00030010

Description: Caenorhabditis elegans with name unc-119(ed3) III; wglIs109 [blmp-1::TY1::EGFP::3xFLAG + unc-119(+)] from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; wglIs109 [blmp-1::TY1::EGFP::3xFLAG + unc-119(+)]

Notes: Made_by: modEncode|"Modern strain|"Supplementary_genotype unc-119(ed3) III; wglIs109[blmp-1::TY1::EGFP::3xFLAG + unc-119(+)]|"wglIs109 [blmp-1::TY1::EGFP::3xFLAG + unc-119(+)]. TY1::EGFP::3xFLAG tag inserted in frame at C-terminus of blmp-1 coding sequence of fosmid ID#WRM0622cF11 by recombineering. Expression of transgene confirmed by GFP. References: Sarov, M, et al. Nat Methods (2006) 10:839-44. Zhong, M, et al. PLoS Genet (2010) 6(2):e1000848. Strain was constructed as part of the Regulatory Element Project, part of modENCODE (URL: www.modencode.org)"

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00030010

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37643611](#), [PMID:38483903](#)

Alternate IDs: WB-STRAIN:OP109, CGC_OP109

Organism Name: OP109

Record Creation Time: 20230227T013605+0000

Record Last Update: 20260725T172242+0000

Ratings and Alerts

No rating or validation information has been found for OP109.

No alerts have been found for OP109.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Hu Q, et al. (2024) BLMP-1 is a critical temporal regulator of dietary-restriction-induced response in *Caenorhabditis elegans*. Cell reports, 43(3), 113959.