

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

OP563

RRID:WB-STRAIN:WBStrain00030334

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030334

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030334>

Proper Citation: RRID:WB-STRAIN:WBStrain00030334

Description: Caenorhabditis elegans with name unc-119(tm4063) III; wgl563. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(tm4063) III; wgl563.

Notes: Made_by: DKV/RJT/PW|"Modern strain"|"wgl563 [cebp-1::TY1::EGFP::3xFLAG + unc-119(+)]. TY1::EGFP::3xFLAG tag inserted in frame at C-terminus of coding sequence 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:WBStrain00030334

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:OP563, CGC_OP563

Organism Name: OP563

Record Creation Time: 20230227T013608+0000

Record Last Update: 20260815T163117+0000

Ratings and Alerts

No rating or validation information has been found for OP563.

No alerts have been found for OP563.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Engelfriet ML, et al. (2025) Reprogramming gene expression in 'hibernating' *C. elegans* involves the IRE-1/XBP-1 pathway. *eLife*, 13.

Williams RTP, et al. (2023) Transcriptome profiling of the *Caenorhabditis elegans* intestine reveals that ELT-2 negatively and positively regulates intestinal gene expression within the context of a gene regulatory network. *Genetics*, 224(4).