

# Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

## OP509

RRID:WB-STRAIN:WBStrain00030287

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00030287

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00030287>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00030287

**Description:** Caenorhabditis elegans with name unc-119(tm4063) III; wgl509. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** unc-119(tm4063) III; wgl509.

**Notes:** Made\_by: DKV/RJT/PW|"Modern strain"|"wgl509 [ets-4::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](http://www.modencode.org))"

**Affected Gene:** WBGene00006843(unc-119)

**Genomic Alteration:** WBGene00006843(unc-119)

**Catalog Number:** WB-STRAIN:WBStrain00030287

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:OP509, CGC\_OP509

**Organism Name:** OP509

**Record Creation Time:** 20230227T013607+0000

**Record Last Update:** 20260808T171354+0000

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## Ratings and Alerts

No rating or validation information has been found for OP509.

No alerts have been found for OP509.

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## Data and Source Information

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

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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).