

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

## OP56

RRID:WB-STRAIN:WBStrain00029976

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00029976

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00029976>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00029976

**Description:** Caenorhabditis elegans with name unc-119(ed3) III; gaEx290. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** unc-119(ed3) III; gaEx290.

**Notes:** gaEx290 [elt-2::TY1::EGFP::3xFLAG(92C12) + unc-119(+)]. Pick non-Unc to maintain. TY1::EGFP::3xFLAG tag inserted in frame at C-terminus of coding sequence by recombineering. Recombineered fosmid was integrated by biolistic bombardment. References: Sarov, M, et al. Nat Methods (2006) 10:839-44. Mann F, et al. PLoS. Strain was constructed as part of the Regulatory Element Project, part of modENCODE (URL: [www.modencode.org](http://www.modencode.org))["gaEx290 [elt-2::TY1::EGFP::3xFLAG(92C12) + unc-119(+)]. TY1::EGFP::3xFLAG tag inserted in frame at C-terminus of coding sequence by recombineering. Recombineered fosmid was integrated by biolistic bombardment. References: Sarov, M, et al. Nat Methods (2006) 10:839-44. Mann F, et al. PLoS. Strain was constructed as part of the Regulatory Element Project, part of modENCODE (URL: [www.modencode.org](http://www.modencode.org))["gals290 [elt-2::TY1::EGFP::3xFLAG(92C12) + unc-119(+)]. TY1::EGFP::3xFLAG tag inserted in frame at C-terminus of coding sequence by recombineering. Recombineered fosmid was integrated by biolistic bombardment. References: Sarov, M, et al. Nat Methods (2006) 10:839-44. Mann F, et al. PLoS. Strain was constructed as part of the Regulatory Element Project, part of modENCODE (URL: [www.modencode.org](http://www.modencode.org))["Made\_by: modENCODE"]"Modern strain"]"WBStrain mapped, WBPaper00059970 added based on AFP\_Strain data."

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

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

**Catalog Number:** WB-STRAIN:WBStrain00029976

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:32628333](#)

**Alternate IDs:** WB-STRAIN:OP56, CGC\_OP56

**Organism Name:** OP56

**Record Creation Time:** 20230227T013605+0000

**Record Last Update:** 20260808T171349+0000

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## Ratings and Alerts

No rating or validation information has been found for OP56.

No alerts have been found for OP56.

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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 [PRECISE-TBI](#) .

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).