

Resource Summary Report

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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/)["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/)["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/)["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: 20260919T180642+0000

Ratings and Alerts

No rating or validation information has been found for OP56.

No alerts have been found for OP56.

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 [kravitz2](#) .

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).