

# Resource Summary Report

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

## OP433

RRID:WB-STRAIN:WBStrain00030220

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00030220

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00030220>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00030220

**Description:** Caenorhabditis elegans with name unc-119(tm4063) III; wglS433. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** unc-119(tm4063) III; wglS433.

**Notes:** Made\_by: DKV/RJT/PW|"Modern strain"|"WBStrain provided so WBPaper00061998 paper added based on AFP\_Strain data."|"wglS433 [hlh-30::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:WBStrain00030220

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:34607947](#), [PMID:38261662](#)

**Alternate IDs:** WB-STRAIN:OP433, CGC\_OP433

**Organism Name:** OP433

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

**Record Last Update:** 20260815T163115+0000

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## Ratings and Alerts

No rating or validation information has been found for OP433.

No alerts have been found for OP433.

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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 3 mentions in open access literature.

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

Hsieh HC, et al. (2024) PRMT-7/PRMT7 activates HLH-30/TFEB to guard plasma membrane integrity compromised by bacterial pore-forming toxins. Autophagy, 20(6), 1335.

Blazie SM, et al. (2024) C. elegans LIN-66 mediates EIF-3/eIF3-dependent protein translation via a cold-shock domain. Life science alliance, 7(9).

Ghaddar A, et al. (2023) Increased alcohol dehydrogenase 1 activity promotes longevity. Current biology : CB, 33(6), 1036.