

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 2026

TG12

RRID:WB-STRAIN:WBStrain00034663

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034663

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034663>

Proper Citation: RRID:WB-STRAIN:WBStrain00034663

Description: Caenorhabditis elegans with name cep-1(lg12501) I; unc-119 (ed4) III; gtlIs1[CEP-1::GFP + unc-119 (+)] from WB.

Species: Caenorhabditis elegans

Synonyms: cep-1(lg12501) I; unc-119 (ed4) III; gtlIs1[CEP-1::GFP + unc-119 (+)]

Notes: gtlIs1[CEP-1::GFP + unc-119(+)]. GFP expression in germ line of adult worms (20-40 hours post L4) in the late pachytene area in the nucleus. Also expression in alae and a few nuclei in the pharynx. Compound microscope needed to see staining.["Reference WBPaper00058851 added based on published strain data identified by Textpresso literature search."

Affected Gene: WBGene00000467(cep-1)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00000467(cep-1), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00034663

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31717869](#), [PMID:38483995](#)

Alternate IDs: WB-STRAIN:TG12, CGC_TG12

Organism Name: TG12

Record Creation Time: 20230227T013640+0000

Record Last Update: 20260815T163243+0000

Ratings and Alerts

No rating or validation information has been found for TG12.

No alerts have been found for TG12.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mejia-Trujillo R, et al. (2025) RNA Pol I activity maintains chromatin condensation and the H3K4me3 gradient essential for oogenesis, independent of ribosome production. bioRxiv : the preprint server for biology.

Lambert ZJ, et al. (2024) Scrapie versus Chronic Wasting Disease in White-Tailed Deer. Emerging infectious diseases, 30(8), 1651.

Godthi A, et al. (2024) Neuronal IL-17 controls Caenorhabditis elegans developmental diapause through CEP-1/p53. Proceedings of the National Academy of Sciences of the United States of America, 121(12), e2315248121.