

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

CL2122

RRID:WB-STRAIN:WBStrain00005101

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005101

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005101>

Proper Citation: RRID:WB-STRAIN:WBStrain00005101

Description: Caenorhabditis elegans with name dvIs15. from WB.

Species: Caenorhabditis elegans

Synonyms: dvIs15.

Notes: dvIs15 [(pPD30.38) unc-54(vector) + (pCL26) mtl-2::GFP]. Control strain for CL2120. Phenotype apparently WT."Supplementary_genotype dvIs15 [(pPD30.38) unc-54(vector) + (pCL26) mtl-2::GFP]"Supplementary_genotype [(pPD30.38) unc-54(vector) + (pCL26) mtl-2::GFP]"WBStrain mapped, WBPaper00060923 added based on AFP_Strain data."WBStrain provided so WBPaper00061178 paper added based on AFP_Strain data."

Affected Gene: WBGene00003474(mtl-2)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003474(mtl-2), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00005101

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:9751195](#), [PMID:32966472](#), [PMID:33472069](#), [PMID:33466350](#), [PMID:33718883](#), [PMID:37196064](#), [PMID:37549461](#), [PMID:37910615](#), [PMID:37987447](#), [PMID:38983916](#), [PMID:39281281](#), [PMID:39362977](#)

Alternate IDs: WB-STRAIN:CL2122, CGC_CL2122

Organism Name: CL2122

Record Creation Time: 20230227T013257+0000

Record Last Update: 20260815T162347+0000

Ratings and Alerts

No rating or validation information has been found for CL2122.

No alerts have been found for CL2122.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Shahid S, et al. (2025) Glowing worms: A low-cost fluorescence kit for toxicological education using *Caenorhabditis elegans*. *microPublication biology*, 2025.

Araújo-Rodrigues H, et al. (2025) Neuroprotective Effects of Mushroom Biomass Digestive Fractions and Gut Microbiota Metabolites in Microglial and *Caenorhabditis elegans* Models of Neurodegeneration. *Nutrients*, 17(24).

Shrestha B, et al. (2024) Folate receptor overexpression induces toxicity in a diet-dependent manner in *C. elegans*. *Scientific reports*, 14(1), 1066.

Ayuda-Durán B, et al. (2024) Insights into the Neuroprotective Potential of Epicatechin: Effects against A β -Induced Toxicity in *Caenorhabditis elegans*. *Antioxidants (Basel, Switzerland)*, 13(1).

Wen YP, et al. (2024) Exploring the therapeutic potential of *Nelumbo nucifera* leaf extract against amyloid-beta-induced toxicity in the *Caenorhabditis elegans* model of Alzheimer's disease. *Frontiers in pharmacology*, 15, 1408031.

Tang Y, et al. (2024) Activation of autophagy by *Citri Reticulatae* Semen extract ameliorates amyloid-beta-induced cell death and cognition deficits in Alzheimer's disease. *Neural regeneration research*, 19(11), 2467.

Bellver-Sanchis A, et al. (2024) G9a Inhibition Promotes Neuroprotection through GMFB Regulation in Alzheimer's Disease. *Aging and disease*, 15(1), 311.

Wang W, et al. (2024) Antioxidant and Neuroprotective Effects of Seed Oils from *Trichosanthes kirilowii* and *T. laceribractea* in *Caenorhabditis elegans*: A Comparative Analysis and Mechanism Study. *Antioxidants* (Basel, Switzerland), 13(7).

Anderton E, et al. (2023) Amyloid β accelerates age-related proteome-wide protein insolubility. *bioRxiv* : the preprint server for biology.

Griem-Krey H, et al. (2023) The intricate triangular interaction between protective microbe, pathogen and host determines fitness of the metaorganism. *Proceedings. Biological sciences*, 290(2012), 20232193.