

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

CG21

RRID:WB-STRAIN:WBStrain00004924

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004924

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004924>

Proper Citation: RRID:WB-STRAIN:WBStrain00004924

Description: Caenorhabditis elegans with name egl-30(tg26) I; him-5(e1490) V. from WB.

Species: Caenorhabditis elegans

Synonyms: egl-30(tg26) I; him-5(e1490) V.

Notes: Hyperactive. Small. Spicule protruder. Coiler. Throws males.

Affected Gene: WBGene00001196(egl-30)|WBGene00001864(him-5)

Genomic Alteration: WBGene00001196(egl-30), WBGene00001864(him-5)

Catalog Number: WB-STRAIN:WBStrain00004924

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CG21, CGC_CG21

Organism Name: CG21

Record Creation Time: 20230227T013256+0000

Record Last Update: 20260912T181034+0000

Ratings and Alerts

No rating or validation information has been found for CG21.

No alerts have been found for CG21.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Medrano E, et al. (2025) Osmolarity regulates *Caenorhabditis elegans* egg-laying behavior via chemosensory and biophysical mechanisms. *The Journal of experimental biology*, 228(21).

Antoine D, et al. (2024) Chronic Morphine Treatment and Antiretroviral Therapy Exacerbate HIV-Distal Sensory Peripheral Neuropathy and Induce Distinct Microbial Alterations in the HIV Tg26 Mouse Model. *International journal of molecular sciences*, 25(3).

Jose A, et al. (2024) NALCN Channels Are Not Major targets of G α o or G α q Modulation in the *C. elegans* Egg-Laying Behavior Circuit. *microPublication biology*, 2024.

Thornton M, et al. (2023) Notch3 deletion regulates HIV-1 gene expression and systemic inflammation to ameliorate chronic kidney disease. *bioRxiv : the preprint server for biology*.

Keledjian K, et al. (2023) Correlation of HIV-Induced Neuroinflammation and Synaptopathy with Impairment of Learning and Memory in Mice with HAND. *Journal of clinical medicine*, 12(16).

Bruggeman LA, et al. (2019) APOL1-G0 protects podocytes in a mouse model of HIV-associated nephropathy. *PloS one*, 14(10), e0224408.

Putatunda R, et al. (2019) Sex-specific neurogenic deficits and neurocognitive disorders in middle-aged HIV-1 Tg26 transgenic mice. *Brain, behavior, and immunity*, 80, 488.

Nelson PJ, et al. (2002) HIV-1 expression induces cyclin D1 expression and pRb phosphorylation in infected podocytes: cell-cycle mechanisms contributing to the proliferative phenotype in HIV-associated nephropathy. *BMC microbiology*, 2, 26.