

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

DR476

RRID:WB-STRAIN:WBStrain00006270

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00006270

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00006270>

Proper Citation: RRID:WB-STRAIN:WBStrain00006270

Description: Caenorhabditis elegans with name daf-22(m130) II. from WB.

Species: Caenorhabditis elegans

Synonyms: daf-22(m130) II.

Notes: Dauer defective.|"Made_by: Golden J"|"Supplementary_genotype daf-22(m130)"|"WBStrain mapped, WBPaper00060871 added based on AFP_Strain data."

Affected Gene: WBGene00013284(daf-22)

Genomic Alteration: WBGene00013284(daf-22)

Catalog Number: WB-STRAIN:WBStrain00006270

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33440164](#), [PMID:37541249](#), [PMID:38852157](#)

Alternate IDs: WB-STRAIN:DR476, CGC_DR476

Organism Name: DR476

Record Creation Time: 20230227T013306+0000

Record Last Update: 20260905T114643+0000

Ratings and Alerts

No rating or validation information has been found for DR476.

No alerts have been found for DR476.

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 [NIF](#) .

Kotowska AM, et al. (2025) Surface Lipids in Nematodes are Influenced by Development and Species-specific Adaptations. *Journal of the American Chemical Society*, 147(8), 6439.

Yamamoto KK, et al. (2025) BMP-dependent mobilization of fatty acid metabolism promotes *Caenorhabditis elegans* survival on a bacterial pathogen. *Disease models & mechanisms*, 18(11).

Luo J, et al. (2024) *C. elegans* males optimize mate-preference decisions via sex-specific responses to multimodal sensory cues. *Current biology : CB*, 34(6), 1309.

Chen L, et al. (2023) Investigation into the communication between unheated and heat-stressed *Caenorhabditis elegans* via volatile stress signals. *Scientific reports*, 13(1), 3225.

Luo J, et al. (2023) *C. elegans* males optimize mate-choice decisions via sex-specific responses to multimodal sensory cues. *bioRxiv : the preprint server for biology*.

Weng JW, et al. (2023) Body stiffness is a mechanical property that facilitates contact-mediated mate recognition in *Caenorhabditis elegans*. *Current biology : CB*, 33(17), 3585.

Bouagnon AD, et al. (2019) Intestinal peroxisomal fatty acid β -oxidation regulates neural serotonin signaling through a feedback mechanism. *PLoS biology*, 17(12), e3000242.

Ludewig AH, et al. (2017) Larval crowding accelerates *C. elegans* development and reduces lifespan. *PLoS genetics*, 13(4), e1006717.