

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

PY7502

RRID:WB-STRAIN:WBStrain00031143

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031143

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031143>

Proper Citation: RRID:WB-STRAIN:WBStrain00031143

Description: Caenorhabditis elegans with name oyls85. from WB.

Species: Caenorhabditis elegans

Synonyms: oyls85.

Notes: oyls85 [ceh-36p::TU#813 + ceh-36p::TU#814 + srtx-1p::GFP + unc-122p::dsRed]. TU#813 and TU#814 are split caspase vectors (Chalfie Lab) subcloned downstream of the ceh-36 promoter. AWC ablated in this strain. Defective thermotaxis. Expression of dsRed in coelomocytes. GFP expression in AFD. Reference: Beverly M, Anbil S, Sengupta P. J Neurosci. 2011 Aug 10;31(32):11718-27.|"oyls85 [ceh-36p::TU#813 + ceh-36p::TU#814 + srtx-1p::GFP + unc-122p::DsRed]. TU#813 and TU#814 are split caspase vectors (Chalfie Lab) subcloned downstream of the ceh-36 promoter. AWC ablated in this strain. Defective thermotaxis. Expression of dsRed in coelomocytes. GFP expression in AFD. Reference: Beverly M, Anbil S, Sengupta P. J Neurosci. 2011 Aug 10;31(32):11718-27."|"Supplementary_genotype oyls85 [ceh-36p::TU#813 + ceh-36p::TU#814 + srtx-1p::GFP + unc-122p::DsRed]"|"WBStrain mapped, WBPaper00061436 added based on AFP_Strain data."|"WBStrain provided so WBPaper00061836 paper added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00031143

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34429473](#), [PMID:37258276](#), [PMID:38338915](#), [PMID:39632952](#)

Alternate IDs: WB-STRAIN:PY7502, CGC_PY7502

Organism Name: PY7502

Record Creation Time: 20230227T013614+0000

Record Last Update: 20260829T162120+0000

Ratings and Alerts

No rating or validation information has been found for PY7502.

No alerts have been found for PY7502.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in *C. elegans*. *Nature communications*, 16(1), 1814.

Liu Y, et al. (2025) Neuronal detection triggers systemic digestive shutdown in response to adverse food sources in *Caenorhabditis elegans*. *eLife*, 14.

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.

Venkatesh SR, et al. (2023) Amphid sensory neurons of *Caenorhabditis elegans* orchestrate its survival from infection with broad classes of pathogens. *Life science alliance*, 6(8).

Thapliyal S, et al. (2023) Multisite regulation integrates multimodal context in sensory circuits to control persistent behavioral states in *C. elegans*. *Nature communications*, 14(1), 3052.