

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

PS312

RRID:WB-STRAIN:WBStrain00042002

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00042002

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00042002>

Proper Citation: RRID:WB-STRAIN:WBStrain00042002

Description: Pristionchus pacificus with name Pristionchus pacificus wild isolate. from WB.

Species: Pristionchus pacificus

Synonyms: Pristionchus pacificus wild isolate.

Notes: Non-elegans Strain|WT strain, Pristionchus pacificus. Hermaphroditic. See also WBPaper00002887. Do not distribute this strain; other labs should request it from the CGC. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects."

Catalog Number: WB-STRAIN:WBStrain00042002

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:8805221](#), [PMID:19077305](#)

Alternate IDs: WB-STRAIN:PS312, CGC_PS312

Organism Name: PS312

Record Creation Time: 20230227T013736+0000

Record Last Update: 20260905T115507+0000

Ratings and Alerts

No rating or validation information has been found for PS312.

No alerts have been found for PS312.

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](#) .

Loer CM, et al. (2025) Identity and functions of monoaminergic neurons in the predatory nematode *Pristionchus pacificus* reveal nervous system conservation and divergence. bioRxiv : the preprint server for biology.

Lessenger AT, et al. (2025) Somatic polyploidy supports biosynthesis and tissue function by increasing transcriptional output. *The Journal of cell biology*, 224(3).

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.

Nauta KM, et al. (2024) A high-throughput screening platform for discovering bacterial species and small molecules that modify animal physiology. 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.