

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

PB4641

RRID:WB-STRAIN:WBStrain00041998

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00041998

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00041998>

Proper Citation: RRID:WB-STRAIN:WBStrain00041998

Description: Caenorhabditis elegans with name EMPTY from WB.

Species: Caenorhabditis elegans

Synonyms: EMPTY

Notes: Male-female strain. Inbred derivative of EM464. Inbred one gravid female per generation for 20 generations. Fitness high. Recommended for sequencing. [In Aug. 2005 the CGC received the 20 generation inbred line. Previous to this the CGC had been sending out a 14 generation inbred line, also called PB4641.] Strain used for sequencing.["Non-elegans Strain"]"Reference WBPaper00056998 added based on published strain data identified by Textpresso literature search."["Wild-type"]

Catalog Number: WB-STRAIN:WBStrain00041998

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:18650807](#), [PMID:21642964](#), [PMID:31282863](#), [PMID:37541249](#), [PMID:38547054](#), [PMID:38783998](#)

Alternate IDs: WB-STRAIN:PB4641, CGC_PB4641

Organism Name: PB4641

Record Creation Time: 20230227T013736+0000

Record Last Update: 20260808T171630+0000

Ratings and Alerts

No rating or validation information has been found for PB4641.

No alerts have been found for PB4641.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

D H, et al. (2025) Variation in social feeding behavior and interactions among *Caenorhabditis* nematodes. *bioRxiv* : the preprint server for biology.

Bandi S, et al. (2025) Glycosylated N-Acyl Phosphoethanolamines as Bacterial Food-Dependent Signaling Molecules in *Caenorhabditis* Nematodes. *ACS bio & med chem Au*, 5(4), 602.

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.