

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[PD4482](#)

RRID:WB-STRAIN:WBStrain00030579

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030579

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030579>

Proper Citation: RRID:WB-STRAIN:WBStrain00030579

Description: Caenorhabditis elegans with name Imp-1(nr2045). from WB.

Species: Caenorhabditis elegans

Synonyms: Imp-1(nr2045).

Notes: Deletion that spans exons 1-3 (out of 4) and is presumed to be a null. Under EM, one type of intestinal granule is missing. Missing type is not acidic, and does not stain with Nile red. Under DIC, gut is lighter and the granules are not as densely packed.|"Supplementary_genotype Imp-1(nr2045)"

Affected Gene: WBGene00003053(Imp-1)

Genomic Alteration: WBGene00003053(Imp-1)

Catalog Number: WB-STRAIN:WBStrain00030579

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37957360](#)

Alternate IDs: WB-STRAIN:PD4482, CGC_PD4482

Organism Name: PD4482

Record Creation Time: 20230227T013609+0000

Ratings and Alerts

No rating or validation information has been found for PD4482.

No alerts have been found for PD4482.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Gallardo-Campos M, et al. (2025) KFERQ-selective protein autophagy in *Caenorhabditis elegans* depends on LMP-1. *PLoS one*, 20(9), e0330339.

Chamoli M, et al. (2023) A drug-like molecule engages nuclear hormone receptor DAF-12/FXR to regulate mitophagy and extend lifespan. *Nature aging*, 3(12), 1529.

Bodner K, et al. (2020) A Protocol to Engineer Bacteriophages for Live-Cell Imaging of Bacterial Prophage Induction Inside Mammalian Cells. *STAR protocols*, 1(2), 100084.

Tanji T, et al. (2016) Characterization of HAF-4- and HAF-9-localizing organelles as distinct organelles in *Caenorhabditis elegans* intestinal cells. *BMC cell biology*, 17, 4.