

# Resource Summary Report

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

## PY1589

RRID:WB-STRAIN:WBStrain00031132

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00031132

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### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00031132>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00031132

**Description:** Caenorhabditis elegans with name cmk-1(oy21) IV. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** cmk-1(oy21) IV.

**Notes:** Thermotaxis defective.

**Affected Gene:** WBGene00000553(cmk-1)

**Genomic Alteration:** WBGene00000553(cmk-1)

**Catalog Number:** WB-STRAIN:WBStrain00031132

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:PY1589, CGC\_PY1589

**Organism Name:** PY1589

**Record Creation Time:** 20230227T013614+0000

**Record Last Update:** 20260829T162120+0000

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### Ratings and Alerts

No rating or validation information has been found for PY1589.

No alerts have been found for PY1589.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhao R, et al. (2025) CaMK modulates sensory neural activity to control longevity and proteostasis. Proceedings of the National Academy of Sciences of the United States of America, 122(20), e2423428122.

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.

Cheng W, et al. (2023) Multiple Receptors Contribute to the Attractive Response of *Caenorhabditis elegans* to Pathogenic Bacteria. Microbiology spectrum, 11(1), e0231922.