

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

IB16

RRID:WB-STRAIN:WBStrain00008608

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00008608

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008608>

Proper Citation: RRID:WB-STRAIN:WBStrain00008608

Description: Caenorhabditis elegans with name ceh-17(np1) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ceh-17(np1) I.

Notes: Mutagen:UV/TMP|"Supplementary_genotype ceh-17(np1) I|"WBStrain mapped, WBPaper00060107 added based on AFP_Strain data."|"WT behavioral phenotype. Axon guidance defect in ceh-17 expressing neurons ALA and 4SIA. ceh-17 = D1007.1, a C. elegans paired homeodomain transcription factor, Phox2 orthologue. np1 is a molecular null. np1 is a 1353 bp deletion including 549 bp upstream of the initiator ATG and extending to the 5th codon of the homeodomain. [NOTE: Miyazaki, et al. (2022) report that this strain carries the fln-2(ot611) mutation in the background, and outcrossing the strain resulted in significantly reduced quiescence during lethargus.]"

Affected Gene: WBGene00000440(ceh-17)

Genomic Alteration: WBGene00000440(ceh-17)

Catalog Number: WB-STRAIN:WBStrain00008608

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32811254](#), [PMID:36652499](#), [PMID:36924492](#), [PMID:39738055](#), [PMID:40114851](#)

Alternate IDs: WB-STRAIN:IB16, CGC_IB16

Organism Name: IB16

Record Creation Time: 20230227T013324+0000

Record Last Update: 20260801T171239+0000

Ratings and Alerts

No rating or validation information has been found for IB16.

No alerts have been found for IB16.

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 [RRID](#) .

Medrano E, et al. (2025) Osmolarity regulates Caenorhabditis elegans egg-laying behavior via chemosensory and biophysical mechanisms. The Journal of experimental biology, 228(21).

Pradhan S, et al. (2025) Pathogen infection induces sickness behaviors through neuromodulators linked to stress and satiety in C. elegans. Nature communications, 16(1), 3200.

Ardiel EL, et al. (2022) Stereotyped behavioral maturation and rhythmic quiescence in C. elegans embryos. eLife, 11.