

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

CB4088

RRID:WB-STRAIN:WBStrain00004536

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004536

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004536>

Proper Citation: RRID:WB-STRAIN:WBStrain00004536

Description: Caenorhabditis elegans with name him-5 (e1490) V from WB.

Species: Caenorhabditis elegans

Synonyms: him-5 (e1490) V

Notes: From CB1490, which is a double mutant of him-5 with ali-1. CB4088 has been outcrossed to remove ali-1.|"Supplementary_genotype him-5(e1490)"|"Supplementary_genotype him-5(e1490) V"|"WBStrain mapped, WBPaper00059854 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00060142 added based on AFP_Strain data."|"WBStrain provided so WBPaper00049531 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00059548 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00059721 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00059884 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00059960 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060133 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060134 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060223 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060410 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060420 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060449 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060456 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060484 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060486 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060487 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060495 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060545 paper added based on AFP_Strain data."|"WBStrain provided so

[illegible]

WBPaper00061938 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00061998 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062031 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062037 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062064 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062068 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062084 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062091 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062110 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062125 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062141 paper added based on AFP_Strain data."|"WBStrain provided so
WBPaper00062146 paper added based on AFP_Strain data."

Affected Gene: WBGene00001864(him-5)

Genomic Alteration: WBGene00001864(him-5)

Catalog Number: WB-STRAIN:WBStrain00004536

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32572275](#), [PMID:32857970](#), [PMID:34288362](#),
[PMID:34534446](#), [PMID:34544019](#), [PMID:36712331](#), [PMID:37167879](#), [PMID:37691148](#),
[PMID:37945830](#), [PMID:38271363](#), [PMID:38769103](#), [PMID:38924277](#), [PMID:39382030](#)

Alternate IDs: WB-STRAIN:CB4088, CGC_CB4088

Organism Name: CB4088

Record Creation Time: 20230227T013253+0000

Record Last Update: 20260808T170758+0000

Ratings and Alerts

No rating or validation information has been found for CB4088.

No alerts have been found for CB4088.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Haque R, et al. (2025) Decoding sexual dimorphism of the sex-shared nervous system at single-neuron resolution. *Science advances*, 11(28), eadv9106.

Purice MD, et al. (2025) Molecular profiling of adult *C. elegans* glia across sexes by single-nuclear RNA-seq. *Developmental cell*.

Molina-García L, et al. (2024) Conflict during learning reconfigures the neural representation of positive valence and approach behavior. *Current biology : CB*, 34(23), 5470.

Haque R, et al. (2024) Sex-specific developmental gene expression atlas unveils dimorphic gene networks in *C. elegans*. *Nature communications*, 15(1), 4273.

Suo S, et al. (2024) Sperm function is required for suppressing locomotor activity of *C. elegans* hermaphrodites. *PloS one*, 19(1), e0297802.

Susoy V, et al. (2023) Evolutionarily conserved behavioral plasticity enables context-dependent mating in *C. elegans*. *Current biology : CB*, 33(20), 4532.

Burkhardt RN, et al. (2023) Sex-specificity of the *C. elegans* metabolome. *Nature communications*, 14(1), 320.