

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

MT6308

RRID:WB-STRAIN:WBStrain00027259

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027259

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027259>

Proper Citation: RRID:WB-STRAIN:WBStrain00027259

Description: Caenorhabditis elegans with name eat-4(ky5) III. from WB.

Species: Caenorhabditis elegans

Synonyms: eat-4(ky5) III.

Notes: Foraging defective. Abnormal chemotaxis.["Made_by: Bargmann/Kaplan"]["WBStrain mapped, WBPaper00061409 added based on AFP_Strain data."["WBStrain mapped, WBPaper00061527 added based on AFP_Strain data."]

Affected Gene: WBGene00001135(eat-4)

Genomic Alteration: WBGene00001135(eat-4)

Catalog Number: WB-STRAIN:WBStrain00027259

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:8462849](#), [PMID:31306683](#)

Alternate IDs: WB-STRAIN:MT6308, CGC_MT6308

Organism Name: MT6308

Record Creation Time: 20230227T013544+0000

Record Last Update: 20260808T171309+0000

Ratings and Alerts

No rating or validation information has been found for MT6308.

No alerts have been found for MT6308.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Zhang Y, et al. (2025) Hierarchical competing inhibition circuits govern motor stability in *C. elegans*. *Nature communications*, 16(1), 4405.

Shahi N, et al. (2025) Neuromodulation of Swarming Behavior in *C. elegans*: Insights into the Conserved role of Calsyntenins. *bioRxiv : the preprint server for biology*.

Banerjee N, et al. (2024) Distinct neurogenetic mechanisms establish the same chemosensory valence state at different life stages in *Caenorhabditis elegans*. *G3 (Bethesda, Md.)*, 14(2).

Cowen MH, et al. (2024) Conserved autism-associated genes tune social feeding behavior in *C. elegans*. *Nature communications*, 15(1), 9301.

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. *Immunity*, 56(7), 1515.

Thapliyal S, et al. (2023) Multisite regulation integrates multimodal context in sensory circuits to control persistent behavioral states in *C. elegans*. *Nature communications*, 14(1), 3052.

Pu L, et al. (2023) Hypoxia induces food leaving in *C. elegans*. *microPublication biology*, 2023.

Cowen MH, et al. (2023) Conserved autism-associated genes tune social feeding behavior in *C. elegans*. *bioRxiv : the preprint server for biology*.

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