

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 24, 2026

DA609

RRID:WB-STRAIN:WBStrain00005493

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005493

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005493>

Proper Citation: RRID:WB-STRAIN:WBStrain00005493

Description: Caenorhabditis elegans with name npr-1(ad609) X. from WB.

Species: Caenorhabditis elegans

Synonyms: npr-1(ad609) X.

Notes: Causes worms to aggregate (Bor). Social."Supplementary_genotype npr-1(ad609)"|"WBStrain mapped, WBPaper00061439 added based on AFP_Strain data."|"WBStrain provided so WBPaper00061436 paper added based on AFP_Strain data."

Affected Gene: WBGene00003807(npr-1)

Genomic Alteration: WBGene00003807(npr-1)

Catalog Number: WB-STRAIN:WBStrain00005493

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:18993077](#), [PMID:34038721](#), [PMID:37572357](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:DA609, CGC_DA609

Organism Name: DA609

Record Creation Time: 20230227T013300+0000

Record Last Update: 20260815T162354+0000

Ratings and Alerts

No rating or validation information has been found for DA609.

No alerts have been found for DA609.

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 [SPARC SAWG](#) .

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.

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*.

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

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *eLife*, 12.

Wu T, et al. (2023) Pathogenic bacteria modulate pheromone response to promote mating. *Nature*, 613(7943), 324.

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *bioRxiv : the preprint server for biology*.

Pu L, et al. (2023) Iterative editing of multiple genes using CRISPR/Cas9 in *C. elegans*. *microPublication biology*, 2023.

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*.