

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 2026

VM487

RRID:WB-STRAIN:WBStrain00040168

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040168

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040168>

Proper Citation: RRID:WB-STRAIN:WBStrain00040168

Description: Caenorhabditis elegans with name nmr-1(ak4) II. from WB.

Species: Caenorhabditis elegans

Synonyms: nmr-1(ak4) II.

Notes: Fewer spontaneous reversals. Required for NMDA gated currents."|WBStrain mapped, WBPaper00059878 added based on AFP_Strain data."|WBStrain mapped, WBPaper00060924 added based on AFP_Strain data."|WBStrain provided so WBPaper00060161 paper added based on AFP_Strain data."|WBStrain provided so WBPaper00061672 paper added based on AFP_Strain data."

Affected Gene: WBGene00003774(nmr-1)

Genomic Alteration: WBGene00003774(nmr-1)

Catalog Number: WB-STRAIN:WBStrain00040168

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31306683](#), [PMID:32576621](#), [PMID:32855271](#), [PMID:34271120](#)

Alternate IDs: WB-STRAIN:VM487, CGC_VM487

Organism Name: VM487

Record Creation Time: 20230227T013722+0000

Record Last Update: 20260815T163414+0000

Ratings and Alerts

No rating or validation information has been found for VM487.

No alerts have been found for VM487.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in *Caenorhabditis elegans*. PLoS biology, 23(10), e3003423.

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