

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

## VM487

RRID:WB-STRAIN:WBStrain00040168

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00040168

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### 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:** 20260725T172459+0000

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## Ratings and Alerts

No rating or validation information has been found for VM487.

No alerts have been found for VM487.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 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.