

Resource Summary Report

Generated by [ASWG](#) on Sep 2, 2026

NM1657

RRID:WB-STRAIN:WBStrain00029061

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029061

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029061>

Proper Citation: RRID:WB-STRAIN:WBStrain00029061

Description: Caenorhabditis elegans with name unc-10(md1117) X. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-10(md1117) X.

Notes: Uncoordinated and aldicarb resistant. Molecular lesion: deletion of entire unc-10 coding region. Gene encodes C. elegans homolog of Rab3 interacting molecule. Will mate, but poorly.

Affected Gene: WBGene00006750(unc-10)

Genomic Alteration: WBGene00006750(unc-10)

Catalog Number: WB-STRAIN:WBStrain00029061

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37053235](#)

Alternate IDs: WB-STRAIN:NM1657, CGC_NM1657

Organism Name: NM1657

Record Creation Time: 20230227T013558+0000

Record Last Update: 20260829T162047+0000

Ratings and Alerts

No rating or validation information has been found for NM1657.

No alerts have been found for NM1657.

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 [ASWG](#) .

Xiong A, et al. (2024) Presynaptic neurons self-tune by inversely coupling neurotransmitter release with the abundance of CaV2 voltage-gated Ca²⁺ channels. Proceedings of the National Academy of Sciences of the United States of America, 121(35), e2404969121.

Xuan Z, et al. (2023) The active zone protein Clarinet regulates synaptic sorting of ATG-9 and presynaptic autophagy. PLoS biology, 21(4), e3002030.