

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

EG9631

RRID:WB-STRAIN:WBStrain00007104

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007104

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007104>

Proper Citation: RRID:WB-STRAIN:WBStrain00007104

Description: Caenorhabditis elegans with name unc-13(s69) I. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-13(s69) I.

Notes: Aldicarb resistant. This allele is a small exonic deletion that frameshifts exon 21, thus deleting the MUN domain of both long and short isoforms of unc-13. The reference allele e51 is R471-stop, affecting only UNC-13L. Derived by 2x outcross of BC168. Reference: Rose AM & Baillie DL. Genetics. 1980 Nov;96(3):639-48.|"Mutagen: Formaldehyde"

Affected Gene: WBGene00006752(unc-13)

Genomic Alteration: WBGene00006752(unc-13)

Catalog Number: WB-STRAIN:WBStrain00007104

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36653384](#)

Alternate IDs: WB-STRAIN:EG9631, CGC_EG9631

Organism Name: EG9631

Record Creation Time: 20230227T013312+0000

Record Last Update: 20260815T162427+0000

Ratings and Alerts

No rating or validation information has been found for EG9631.

No alerts have been found for EG9631.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.

Bar-Ziv R, et al. (2023) Glial-derived mitochondrial signals impact neuronal proteostasis and aging. bioRxiv : the preprint server for biology.

Bar-Ziv R, et al. (2023) Glial-derived mitochondrial signals affect neuronal proteostasis and aging. Science advances, 9(41), eadi1411.

Lin A, et al. (2023) Functional imaging and quantification of multineuronal olfactory responses in C. elegans. Science advances, 9(9), eade1249.