

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

KR1787

RRID:WB-STRAIN:WBStrain00023941

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023941

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023941>

Proper Citation: RRID:WB-STRAIN:WBStrain00023941

Description: Caenorhabditis elegans with name unc-13(e51) I. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-13(e51) I.

Notes: Made_by: J. Babity|"Supplementary_genotype unc-13(e51)"|"The origin of this strain is KR1082 via CB51. KR1082 was maintained on plates for a period of approximately two years. After this time, DNA was made and the Tc1 pattern examined. The number of Tc1s found in KR1787 was greater than that found in KR1082. Perhaps as many as 30 additional Tc1s were visible in excess of those normally seen in N2 strains."

Affected Gene: WBGene00006752(unc-13)

Genomic Alteration: WBGene00006752(unc-13)

Catalog Number: WB-STRAIN:WBStrain00023941

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:1978238](#), [PMID:7507565](#), [PMID:37473700](#)

Alternate IDs: WB-STRAIN:KR1787, CGC_KR1787

Organism Name: KR1787

Record Creation Time: 20230227T013519+0000

Record Last Update: 20260829T161901+0000

Ratings and Alerts

No rating or validation information has been found for KR1787.

No alerts have been found for KR1787.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. *Immunity*, 56(7), 1515.

Panagiotidou E, et al. (2023) Neuron-specific proteasome activation exerts cell non-autonomous protection against amyloid-beta (A β) proteotoxicity in *Caenorhabditis elegans*. *Redox biology*, 65, 102817.

Oh KH, et al. (2015) Presynaptic BK channel localization is dependent on the hierarchical organization of alpha-catulin and dystrobrevin and fine-tuned by CaV2 calcium channels. *BMC neuroscience*, 16, 26.