

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

EJ521

RRID:WB-STRAIN:WBStrain00007125

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007125

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007125>

Proper Citation: RRID:WB-STRAIN:WBStrain00007125

Description: Caenorhabditis elegans with name lin-45(dx19) IV/nT1 [unc-?(n754) let-?] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: lin-45(dx19) IV/nT1 [unc-?(n754) let-?] (IV;V).

Notes: Heterozygotes are Unc and segregate Unc, non-Unc Steriles, larval lethals and dead eggs. dx19 is a strong lin-45 raf allele: dx19 homozygotes from dx19/+ heterozygous parents are 13% larval lethal and among the adults, 100% are Sterile and Vul.|"Supplementary_genotype lin-45(dx19)/nT1 [unc(n754) let] (IV;V)"

Affected Gene: WBGene00003030(lin-45)

Genomic Alteration: WBGene00003030(lin-45)

Catalog Number: WB-STRAIN:WBStrain00007125

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37643243](#)

Alternate IDs: WB-STRAIN:EJ521, CGC_EJ521

Organism Name: EJ521

Record Creation Time: 20230227T013312+0000

Record Last Update: 20260912T181102+0000

Ratings and Alerts

No rating or validation information has been found for EJ521.

No alerts have been found for EJ521.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Townley R, et al. (2023) The E3/E4 ubiquitin ligase UFD-2 suppresses normal and oncogenic signaling mediated by a Raf ortholog in *Caenorhabditis elegans*. Science signaling, 16(800), eabq4355.