

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

KU21

RRID:WB-STRAIN:WBStrain00024039

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00024039

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00024039>

Proper Citation: RRID:WB-STRAIN:WBStrain00024039

Description: Caenorhabditis elegans with name kgb-1(km21) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: kgb-1(km21) IV.

Notes: Mutagen:UV/TMP|"Sensitive to heavy metal stress."|"Supplementary_genotype [kgb-1(km21) IV.]"

Affected Gene: WBGene00002187(kgb-1)

Genomic Alteration: WBGene00002187(kgb-1)

Catalog Number: WB-STRAIN:WBStrain00024039

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37704756](#)

Alternate IDs: WB-STRAIN:KU21, CGC_KU21

Organism Name: KU21

Record Creation Time: 20230227T013520+0000

Record Last Update: 20260801T171632+0000

Ratings and Alerts

No rating or validation information has been found for KU21.

No alerts have been found for KU21.

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 [dkNET](#) .

Kim D, et al. (2025) Gut microbiome remodeling provides protection from an environmental toxin. iScience, 28(4), 112209.

Das P, et al. (2024) Calcineurin inhibition enhances Caenorhabditis elegans lifespan by defecation defects-mediated calorie restriction and nuclear hormone signaling. eLife, 12.

Liu P, et al. (2024) UPRER-immunity axis acts as physiological food evaluation system that promotes aversion behavior in sensing low-quality food. eLife, 13.