Resource Summary Report

Generated by NIF on Sep 7, 2026

GS2477

RRID:WB-STRAIN:WBStrain00008039
Type: Organism

Proper Citation

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Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00008039

Proper Citation: RRID:WB-STRAIN:WBStrain00008039

Description: Caenorhabditis elegans with name arIs37 I; cup-5(ar465) III; dpy-20(e1282) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: arIs37 I; cup-5(ar465) III; dpy-20(e1282) IV.

Notes: arIs37 [myo-3p::ssGFP + dpy-20(+)] I. cup-5 is defective in endocytosis by coelomocytes. Do not distribute this strain; other labs should request it from the CGC. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects.

Affected Gene: WBGene00000846(cup-5)|WBGene00001079(dpy-20)|WBGene00003515(myo-3)

Genomic Alteration: WBGene00000846(cup-5), WBGene00001079(dpy-20), WBGene00003515(myo-3)

Catalog Number: WB-STRAIN:WBStrain00008039

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:37155851

Alternate IDs: WB-STRAIN:GS2477, CGC_GS2477

Organism Name: GS2477

Record Creation Time: 20230227T013319+0000

Record Last Update: 20260905T114710+0000

Ratings and Alerts

No rating or validation information has been found for GS2477.

No alerts have been found for GS2477.

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 .

Ji H, et al. (2023) A proprioceptive feedback circuit drives Caenorhabditis elegans locomotor adaptation through dopamine signaling. Proceedings of the National Academy of Sciences of the United States of America, 120(20), e2219341120.