Resource Summary Report

Generated by dkNET on Aug 12, 2026

rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I.

RRID:WB-STRAIN:WBStrain00062917
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062917

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00062917

Proper Citation: RRID:WB-STRAIN:WBStrain00062917

Description: Caenorhabditis elegans with name rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I. from WB.

Species: Caenorhabditis elegans

Synonyms: rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I.

Notes: Balancer recombination happens frequently at 23-25C, strain must be maintained at 16-20C. Homozygous lethal mutation balanced by Dpy- and myo-2p::Venus-marked inversion. Heterozygotes are non-Dpy with relatively dim pharyngeal GFP (Venus) expression, and segregate heterozygous non-Dpy Venus+, non-Venus cc2557 homozygotes (L1 arrest), and Dpy with brighter Venus+ (tmC20 homozygotes). Pick wild-type Venus(+) and check for proper segregation of progeny to maintain. cc2557 is an engineered mutation creating an early stop (T8*). Presumptive rps-10 null. Heterozygous rps-10(cc2557)/tmC20 animals are delayed in development. Reference: Cenik ES, et al. Dev Cell. 2019 Mar 25;48(6):811-826.e6. doi: 10.1016/j.devcel.2019.01.019. PMID: 30799226.|"Made_by: Elif Sarinay Cenik & Agustian Surya"

Affected Gene: WBGene00001067(dpy-5)|WBGene00004479(rps-10)|WBGene00006753(unc-14)

Genomic Alteration: WBGene00001067(dpy-5), WBGene00004479(rps-10), WBGene00006753(unc-14)

Catalog Number: WB-STRAIN:WBStrain00062917

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I.

Record Creation Time: 20250827T213351+0000

Record Last Update: 20260808T172114+0000

Ratings and Alerts

No rating or validation information has been found for rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I..

No alerts have been found for rps-10(cc2557)/tmC20 [unc-14(tmIs1219) dpy-5(tm9715)] I..

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.