

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## [rps-10\(cc2557\)/tmC20 \[unc-14\(tm1s1219\) dpy-5\(tm9715\)\] I.](#)

RRID:WB-STRAIN:WBStrain00062917

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00062917

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### 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(tm1s1219) dpy-5(tm9715)] I. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** rps-10(cc2557)/tmC20 [unc-14(tm1s1219) 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:** 20260815T164058+0000

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## 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..

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.