

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 17, 2026

## CGC45

RRID:WB-STRAIN:WBStrain00004976

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00004976

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00004976>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00004976

**Description:** Caenorhabditis elegans with name unc-4(e120)/mT1 [umnIs34] II; mT1 [dpy-10(e128)]/dpy-17(e164) III. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** unc-4(e120)/mT1 [umnIs34] II; mT1 [dpy-10(e128)]/dpy-17(e164) III.

**Notes:** umnIs34 [myo-2p::GFP + NeoR, III: 8856215 (intergenic)] II. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, DpyUnc non-GFP, sterile Dpy GFP+ mT1 homozygotes, and large numbers of arrested aneuploid embryos. Maintain by picking wild-type GFP+ and check for correct segregation of progeny to maintain. Derived by insertion of myo-2p::GFP transgene into mT1 balancer in parental strain DR1832 using CRISPR/Cas9.

**Affected Gene:** WBGene00001072(dpy-10)|WBGene00001076(dpy-17)|WBGene00006744(unc-4)

**Genomic Alteration:** WBGene00001072(dpy-10), WBGene00001076(dpy-17), WBGene00006744(unc-4)

**Catalog Number:** WB-STRAIN:WBStrain00004976

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:CGC45, CGC\_CGC45

**Organism Name:** CGC45

**Record Creation Time:** 20230227T013256+0000

**Record Last Update:** 20260815T162345+0000

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## Ratings and Alerts

No rating or validation information has been found for CGC45.

No alerts have been found for CGC45.

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## Data and Source Information

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

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Clemens E, et al. (2025) Cap-adjacent 2'-O-ribose methylation of RNA in *C. elegans* is required for postembryonic growth and germline development in the presence of the decapping exonuclease EOL-1. bioRxiv : the preprint server for biology.