

# Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

## CGC28

RRID:WB-STRAIN:WBStrain00004959

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00004959

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00004959>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00004959

**Description:** Caenorhabditis elegans with name +/szT1 [lon-2(e678) umnIs17] I; dpy-8(e1321) unc-3(e151)/szT1 X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** +/szT1 [lon-2(e678) umnIs17] I; dpy-8(e1321) unc-3(e151)/szT1 X.

**Notes:** umnIs17 [myo-2p::GFP + NeoR, X: 6745526 (intergenic)] I. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, DpyUnc non-GFP, dead eggs and GFP+ Lon males. Maintain by picking wild-type GFP+. Derived by insertion of myo-2p::GFP transgene into szT1 balancer in parental strain AF1 using CRISPR/Cas9.

**Affected Gene:** WBGene00001070(dpy-8)|WBGene00003056(lon-2)|WBGene00006743(unc-3)

**Genomic Alteration:** WBGene00001070(dpy-8), WBGene00003056(lon-2), WBGene00006743(unc-3)

**Catalog Number:** WB-STRAIN:WBStrain00004959

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:CGC28, CGC\_CGC28

**Organism Name:** CGC28

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

**Record Last Update:** 20260829T161306+0000

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## Ratings and Alerts

No rating or validation information has been found for CGC28.

No alerts have been found for CGC28.

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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 [dkNET](#) .

Trivedi M, et al. (2023) CRISPR-mediated genome editing allows for efficient on demand creation of >200 kb deficiencies with precise boundaries. microPublication biology, 2023.