# Resource Summary Report

Generated by NIF on Aug 26, 2026

## SA250

RRID:WB-STRAIN:WBStrain00033888
Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00033888

### Organism Information

**URL:** http://www.wormbase.org/db/get?name=WBStrain00033888

**Proper Citation:** RRID:WB-STRAIN:WBStrain00033888

**Description:** Caenorhabditis elegans with name tjIs54; tjIs57. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** tjIs54; tjIs57.

**Notes:** Supplementary_genotype GFP-TBB-2; mCherry TBG-1; tjIs54 [pie-1p:GFP:tbb-2 + pie-1p:2xmCherry:tbg-1 + unc-119(+)]. tjIs57 [pie-1p:mCherry:his-48 + unc-119(+)]|"Supplementary_genotype jIs54[pie-1p::GFP::tbb-2 + pie-1p::2xmCherry::tbg-1 + unc-119(+)]; tjIs57[pie1p::mCherry::his-48 + unc119(+)]"|"Supplementary_genotype unc-119(ed3) III; tjIs54 [Ppie-1GFP::TBB-2 + Ppie-1 2xmCherry::TBG-1 + unc-119(+)]; tjIs57 [Ppie-1 mCherry::HIS-48 + unc-119(+)]"|"tjIs54 [pie-1p::GFP::tbb-2 + pie-1p::2xmCherry::tbg-1 + unc-119(+)]. tjIs57 [pie-1p::mCherry::his-48 + unc-119(+)]. Maintain at 25C to avoid transgene silencing. Reference: Toya M, et al. Methods Cell Biol. 2010;97:359-72."|"WBStrain provided so WBPaper00061495 paper added based on AFP_Strain data."

**Catalog Number:** WB-STRAIN:WBStrain00033888

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** PMID:31645459, PMID:37684042, PMID:37995185, PMID:38034351

**Alternate IDs:** WB-STRAIN:SA250, CGC_SA250

**Organism Name:** SA250

**Record Creation Time:** 20230227T013634+0000

**Record Last Update:** 20260815T163225+0000

## Ratings and Alerts

No rating or validation information has been found for SA250.

No alerts have been found for SA250.

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** WormBase (WB)

## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Cheng L, et al. (2025) Ultra-high static magnetic fields altered the embryonic division and development in Caenorhabditis elegans via multipolar spindles. Journal of advanced research, 72, 515.

Okafornta CW, et al. (2025) Cell size reduction scales spindle elongation but not chromosome segregation in C. elegans. Research square.

Okafornta CW, et al. (2025) Cell size reduction scales spindle elongation but not chromosome segregation in C. elegans. bioRxiv : the preprint server for biology.

Medley JC, et al. (2023) Site-specific phosphorylation of ZYG-1 regulates ZYG-1 stability and centrosome number. iScience, 26(12), 108410.

Haruta N, et al. (2023) A germline-specific role for unconventional components of the ??-tubulin complex in Caenorhabditis elegans. Journal of cell science, 136(13).