

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 6, 2026

YE59

RRID:WB-STRAIN:WBStrain00040715

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040715

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040715>

Proper Citation: RRID:WB-STRAIN:WBStrain00040715

Description: Caenorhabditis elegans with name smc-5(tm2868)/mIn1 [mIs14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: smc-5(tm2868)/mIn1 [mIs14 dpy-10(e128)] II.

Notes: Homozygous viable mutation balanced by GFP- and dpy-10-marked inversion. Heterozygotes are WT with relatively dim pharyngeal GFP signal, and segregate WT dim GFP, Dpy bright GFP (mIn1 homozygotes), and non-GFP tm2868 homozygotes. Pick WT dim GFP and check for correct segregation of progeny to maintain. tm2868 homozygotes are morphologically wild-type but show ~30% reduction in fertilized eggs and a trans-generational increase in sterility. Maintain under normal conditions. Reference: Bickel JS, et al. PLoS Genet. 2010 Jul 22;6(7):e1001028.|"Made_by: Jeremy Bickel"

Affected Gene: WBGene00001072(dpy-10)|WBGene00016151(smc-5)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00016151(smc-5)

Catalog Number: WB-STRAIN:WBStrain00040715

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:YE59, CGC_YE59

Organism Name: YE59

Record Creation Time: 20230227T013727+0000

Record Last Update: 20260905T115448+0000

Ratings and Alerts

No rating or validation information has been found for YE59.

No alerts have been found for YE59.

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.