

Resource Summary Report

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SV46

RRID:WB-STRAIN:WBStrain00034592

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034592

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034592>

Proper Citation: RRID:WB-STRAIN:WBStrain00034592

Description: Caenorhabditis elegans with name lin-5(e1457)/mnC1 [dpy-10(e128) unc-52(e444)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: lin-5(e1457)/mnC1 [dpy-10(e128) unc-52(e444)] II.

Notes: Heterozygotes are WT and segregate WT, Stu and DpyUncs. e1457 is a strong loss-of-function or null allele. Molecular lesion: G to E at position 40. DNA replication continues in the absence of mitosis. Mutants enter mitosis at the normal time and form bipolar spindles, but fail chromosome alignment at the metaphase plate, sister chromatid separation and cytokinesis.

Affected Gene: WBGene00001072(dpy-10)|WBGene00002994(lin-5)|WBGene00006787(unc-52)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00002994(lin-5), WBGene00006787(unc-52)

Catalog Number: WB-STRAIN:WBStrain00034592

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10629219](#)

Alternate IDs: WB-STRAIN:SV46, CGC_SV46

Organism Name: SV46

Record Creation Time: 20230227T013639+0000

Record Last Update: 20260815T163241+0000

Ratings and Alerts

No rating or validation information has been found for SV46.

No alerts have been found for SV46.

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.