

Resource Summary Report

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sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV.

RRID:WB-STRAIN:WBStrain00054652

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054652

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054652>

Proper Citation: RRID:WB-STRAIN:WBStrain00054652

Description: Caenorhabditis elegans with name sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV. from WB.

Species: Caenorhabditis elegans

Synonyms: sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV.

Notes: Homozygous lethal deletion balanced by tmC9 [F36H1.2(tmIs1221[myo-2p::Venus])]. Heterozygotes are wild-type Venus+ in pharynx, and segregate wild-type Venus+ heterozygotes, non-Venus Sterile (tm15993 homozygotes), and Venus+ Mec Unc (tmC9 homozygotes). Pick viable fertile Venus+ animals and check for correct segregation of progeny to maintain. 93% of tm15993 homozygotes die before adulthood and those that escape are sterile. Reference: Furuta T & Arur S. 2023. sart-3 functions to regulate germline sex determination in C. elegans. microPublication Biology. PubMed ID: 37206989.

Affected Gene: WBGene00007111(sart-3)

Genomic Alteration: WBGene00007111(sart-3)

Catalog Number: WB-STRAIN:WBStrain00054652

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260905T115757+0000

Ratings and Alerts

No rating or validation information has been found for sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV..

No alerts have been found for sart-3(tm15993)/tmC9 [F36H1.2(tmIs1221)] IV..

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.