

Resource Summary Report

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YA1116

RRID:WB-STRAIN:WBStrain00040709

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040709

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040709>

Proper Citation: RRID:WB-STRAIN:WBStrain00040709

Description: Caenorhabditis elegans with name mrt-1(tm1354) I. from WB.

Species: Caenorhabditis elegans

Synonyms: mrt-1(tm1354) I.

Notes: Null allele. Mortal germline. Progressive telomere shortening due to telomerase dysfunction. Hypersensitive to DNA interstrand crosslinking agents. This strain will become sterile after propagating 10-20 generations. mrt-1 mutants can be rejuvenated by outcrossing. Reference: Meier B, et al. EMBO J. 2009 Nov 18;28(22):3549-63.|"Null allele. Mortal germline. Progressive telomere shortening due to telomerase dysfunction. Hypersensitive to DNA interstrand crosslinking agents. This strain will become sterile after propagating 10-20 generations. mrt-1 mutants can be rejuvenated by outcrossing. Reference: Meier B, et al. EMBO J. 2009 Nov 18;28(22):3549-63."

Affected Gene: WBGene00045237(mrt-1)

Genomic Alteration: WBGene00045237(mrt-1)

Catalog Number: WB-STRAIN:WBStrain00040709

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33976151](#)

Alternate IDs: WB-STRAIN:YA1116, CGC_YA1116

Organism Name: YA1116

Record Creation Time: 20230227T013726+0000

Record Last Update: 20260725T172507+0000

Ratings and Alerts

No rating or validation information has been found for YA1116.

No alerts have been found for YA1116.

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.