

Resource Summary Report

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MAS94

RRID:WB-STRAIN:WBStrain00026463

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026463

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026463>

Proper Citation: RRID:WB-STRAIN:WBStrain00026463

Description: Caenorhabditis elegans with name mei-1(ct46) unc-13(e1091) I; unc-119(ed3) III; abcls3. from WB.

Species: Caenorhabditis elegans

Synonyms: mei-1(ct46) unc-13(e1091) I; unc-119(ed3) III; abcls3.

Notes: abcls3 [pie-1p::ebp-2::GFP + unc-119(+)]. Embryonic-lethal at 25C due to dominant gain-of-function mutation mei-1(ct46), and Uncoordinated due to unc-13 mutation. Maternal expression of EBP-2::GFP microtubule end-binding protein. EBP-2 encodes an EB1-like protein (end-binding) that, in early embryos, locates to the growing tips of microtubules. A strong fluorescent signal localizes to the centrosomes of early embryos due to a high concentration of polymerizing microtubules. mei-1(ct46)-based ectopic microtubule severing causes mitotic spindle defects in the early embryo. References: Gusnowski EM, Srayko M. J Cell Biol. 2011 Aug 8;194(3):377-86. Tegha-Dunghu J, et al. Methods Mol Biol. 2014;1136:103-16.

Affected Gene: WBGene00003183(me-1)|WBGene00006752(unc-13)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00003183(me-1), WBGene00006752(unc-13), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00026463

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:MAS94, CGC_MAS94

Organism Name: MAS94

Record Creation Time: 20230227T013538+0000

Record Last Update: 20260829T161953+0000

Ratings and Alerts

No rating or validation information has been found for MAS94.

No alerts have been found for MAS94.

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.