Resource Summary Report

Generated by dkNET on Aug 31, 2026

par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X.

RRID:WB-STRAIN:WBStrain00054774
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054774

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00054774

Proper Citation: RRID:WB-STRAIN:WBStrain00054774

Description: Caenorhabditis elegans with name par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X.

Notes: meGFP inserted between P121 and V122 of endogenous MEG-3. qIs51 [myo-2p::GFP + pes-10p::GFP + F22B7.9p::GFP]. Heterozygotes are wild-type GFP+ and segregate non-GFP par-1 homozygotes (viable, lay dead embryos), wild-type GFP+ heterozygotes, and arrested nT1[qIs51] aneuploids. Pick wild-type GFP+ and check for correct segregation of progeny to maintain. Replacement of threonine 983 with alanine eliminates PAR-1 asymmetry. Reference: Folkman AW & Seydoux G. Development. 2019 Mar 25;146(6):dev171116. doi: 10.1242/dev.171116. PMID: 30814118

Affected Gene: WBGene00001569(meg-3)|WBGene00003916(par-1)

Genomic Alteration: WBGene00001569(meg-3), WBGene00003916(par-1)

Catalog Number: WB-STRAIN:WBStrain00054774

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X.

Record Creation Time: 20240716T202604+0000

Record Last Update: 20260829T162841+0000

Ratings and Alerts

No rating or validation information has been found for par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X..

No alerts have been found for par-1(ax4202[par-1(T983A)]) V/nT1[qIs51] (IV;V); meg-3(ax3054[meg-3::meGFP]) X..

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.