Resource Summary Report

Generated by RRID on Aug 7, 2026

CL2179

RRID:WB-STRAIN:WBStrain00005103
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005103

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00005103

Proper Citation: RRID:WB-STRAIN:WBStrain00005103

Description: Caenorhabditis elegans with name smg-1(cc546) I; dvIs179. from WB.

Species: Caenorhabditis elegans

Synonyms: smg-1(cc546) I; dvIs179.

Notes: dvIs179 [myo-3p::GFP::3' UTR(long) + rol-6(su1006)]. Maintain at 16C. Superficially wild-type Roller; expression of GFP in body wall muscles increases with temperature. References: Link CD, et al. (2006) J Biol Chem. Jan 20;281(3):1808-16. Hassan WM, et al. (2014) Neurobiology of Aging. [NOTE: The temperature-sensitive allele cc546 causes an M1957L change in SMG-1. The lesion is an atg>ttg transversion in exon 35. Flanking sequences follow with the mutation site indicated with a capital A: ttggtggtcggttacaaaacgatattcaaga tcactggcagtcatgagtAtggttggatcagttttaggactcggtgatcg acatttggacaatttattg The lesion is detectable via SNP-snip with the mutation causing loss of an MslI site. Primers are for a 323 bp product. Digest with MslI to 86+237 in the wild type, uncut as 323 in the mutant. DJR701(f): CAGTCGTGAGCTTTGGATGCGTGC DJR702(r): TCGGGGATACGCAGATTCTTTCCC. Pedone ... Reiner G3 (2021).]|"Mutagen:Gamma radiation"

Affected Gene: WBGene00004879(smg-1)

Genomic Alteration: WBGene00004879(smg-1)

Catalog Number: WB-STRAIN:WBStrain00005103

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CL2179, CGC_CL2179

Organism Name: CL2179

Record Creation Time: 20230227T013257+0000

Record Last Update: 20260801T171136+0000

Ratings and Alerts

No rating or validation information has been found for CL2179.

No alerts have been found for CL2179.

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.