

Resource Summary Report

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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; dvls179. from WB.

Species: Caenorhabditis elegans

Synonyms: smg-1(cc546) I; dvls179.

Notes: dvls179 [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: ttggtggtcgggtacaaaacgatattcaaga tcaactggcagtcagtagtAtggttgatcagtttaggactcggatcg acatttgacaatttattg The lesion is detectable via SNP-snip with the mutation causing loss of an MspI site. Primers are for a 323 bp product. Digest with MspI to 86+237 in the wild type, uncut as 323 in the mutant. DJR701(f): CAGTCGTGAGCTTTGGATGCGTGCGC 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: 20260808T170807+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.