

Resource Summary Report

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CL2337

RRID:WB-STRAIN:WBStrain00005105

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005105

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005105>

Proper Citation: RRID:WB-STRAIN:WBStrain00005105

Description: Caenorhabditis elegans with name smg-1(cc546) I; dvls38. from WB.

Species: Caenorhabditis elegans

Synonyms: smg-1(cc546) I; dvls38.

Notes: dvls38 [myo-3p::GFP::degron::3' UTR(long) + rol-6(su1006)]. Maintain at 16C. Rollers. Temperature-dependent expression of aggregating GFP in body wall muscle (weak at 16C, strong at 25C). Animals become paralyzed if upshifted as larvae to 25C due to expression of aggregating GFP. 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 tcactggcagtcagtagtAtggttgatcagtttaggactcgggtgatcg acatttgacaatttattg The lesion is detectable via SNP-snp 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): CAGTCGTGAGCTTTGGATGCGTG C DJR702(r): TCGGGGATACGCAGATTCTTTCCC. Pedone ... Reiner G3 (2021).]] "Mutagen:Gamma radiation"

Affected Gene: WBGene00004879(smg-1)

Genomic Alteration: WBGene00004879(smg-1)

Catalog Number: WB-STRAIN:WBStrain00005105

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CL2337, CGC_CL2337

Organism Name: CL2337

Record Creation Time: 20230227T013257+0000

Record Last Update: 20260801T171136+0000

Ratings and Alerts

No rating or validation information has been found for CL2337.

No alerts have been found for CL2337.

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.