

Resource Summary Report

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CL6180

RRID:WB-STRAIN:WBStrain00005115

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005115>

Proper Citation: RRID:WB-STRAIN:WBStrain00005115

Description: Caenorhabditis elegans with name smg-1(cc546) I; dvls19 III; skn-1(zu67)/nT1 [unc-?(n754) let-?] (IV;V); dvls27 X. from WB.

Species: Caenorhabditis elegans

Synonyms: smg-1(cc546) I; dvls19 III; skn-1(zu67)/nT1 [unc-?(n754) let-?] (IV;V); dvls27 X.

Notes: dvls19 [(pAF15) gst-4p::GFP::NLS] III. dvls27 [myo-3p::A-Beta (1-42)::let-851 3'UTR) + rol-6(su1006)] X. Roller with weak constitutive GFP expression. Balanced strain, segregates Rol Uncs [skn-1(zu67) heterozygotes], Rol nonUncs [skn-1(zu67) homozygotes] and dead eggs. Maintain by picking Rol Uncs. Paralyzed if upshifted as larvae to 25C. References: Dostal, V and Link CD (2010) J Vis Exp. Oct 9;(44). Dostal V, Roberts CM, Link CD (2010) Genetics Nov;186(3):857-66. [NOTE: The temperature-sensitive allele cc546 causes an M1957L change in SMG-1. The lesion is an atg>tgg transversion in exon 35. Flanking sequences follow with the mutation site indicated with a capital A: ttggtggtcggttacaaaacgatattcaaga tcactggcagtcagtagtAtggttgatcagtttaggactcggatcg acattggacaattattg The lesion is detectable via SNP-snp 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: WBGene00004804(skn-1)|WBGene00004879(smg-1)

Genomic Alteration: WBGene00004804(skn-1), WBGene00004879(smg-1)

Catalog Number: WB-STRAIN:WBStrain00005115

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:CL6180, CGC_CL6180

Organism Name: CL6180

Record Creation Time: 20230227T013257+0000

Record Last Update: 20260801T171136+0000

Ratings and Alerts

No rating or validation information has been found for CL6180.

No alerts have been found for CL6180.

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.