

Resource Summary Report

Generated by PRECISE-TBI on Aug 30, 2026

SV411

RRID:WB-STRAIN:WBStrain00034605

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034605

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034605>

Proper Citation: RRID:WB-STRAIN:WBStrain00034605

Description: Caenorhabditis elegans with name heDf1 mals103/lon-2(e678) unc-9(e101) X. from WB.

Species: Caenorhabditis elegans

Synonyms: heDf1 mals103/lon-2(e678) unc-9(e101) X.

Notes: mals103[rnr::GFP unc-36(+)] X. The heDf1 deletion includes cdk-4. Heterozygotes produce 1/4 thin, sterile, uncoordinated animals that fail to undergo postembryonic somatic cell divisions. heDf1 mutants are of L1 size, smaller than cdk-4 mutants. lon-2 and unc-9 do not exactly balance heDf1, but unc-9 is pretty close. It should also be possible to follow the heterozygotes by looking at the GFP. Despite trying, unable to separate the mals integration from heDf1 or the other cdk-4 alleles. By maintaining animals with GFP (visible especially in early animals and in eggs) you should be able to maintain heDf1. rnr::GFP is expressed during S-phase in heterozygous animals. rnr::GFP expression is not detected in heDf1 animals. mals103 is tightly linked to heDf1. Maintain by picking several single animals and scoring for 1/4 mutant progeny.

Affected Gene: WBGene00003056(lon-2)|WBGene00006749(unc-9)

Genomic Alteration: WBGene00003056(lon-2), WBGene00006749(unc-9)

Catalog Number: WB-STRAIN:WBStrain00034605

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:SV411, CGC_SV411

Organism Name: SV411

Record Creation Time: 20230227T013640+0000

Record Last Update: 20260829T162222+0000

Ratings and Alerts

No rating or validation information has been found for SV411.

No alerts have been found for SV411.

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.