

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[fars-2\(ve811\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/sC4\(s2172\) \[dpy-21\(e428\)\] V.](#)

RRID:WB-STRAIN:WBStrain00055459

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055459

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055459>

Proper Citation: RRID:WB-STRAIN:WBStrain00055459

Description: Caenorhabditis elegans with name fars-2(ve811[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V. from WB.

Species: Caenorhabditis elegans

Synonyms: fars-2(ve811[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V.

Notes: Homozygous Ste, Pvl, Unc. Deletion of 3213 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type dim GFP+, and segregate wild-type dim GFP+, bright GFP+ Ste, Pvl, and Unc animals (ve811 homozygotes) and arrested non-GFP (stage unknown, some uncharacterized non-GFP hermaphrodites develop into fertile adults) (sC4 homozygotes). Maintain by picking wild-type dim GFP+. Left flanking Sequence: gggttttcagtgctcttcgtattacCTCCT ; Right flanking sequence: TTCGTCTTTTCGAGTAGAGCCGAACACCTTC. sgRNA #3: TGAAAGAGCACTTACCAAGG; sgRNA #4: CTACTCGGCAAAAAGCCGGA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: RG KO Group"

Affected Gene: WBGene00001080(dpy-21)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00013361(fars-2)

Genomic Alteration: WBGene00001080(dpy-21), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00013361(fars-2)

Catalog Number: WB-STRAIN:WBStrain00055459

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: fars-2(ve811[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V..

Record Creation Time: 20240716T202610+0000

Record Last Update: 20260815T163845+0000

Ratings and Alerts

No rating or validation information has been found for fars-2(ve811[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V..

No alerts have been found for fars-2(ve811[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V..

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.