

Resource Summary Report

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[rpl-38\(ve855\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/sC4\(s2172\) \[dpy-21\(e428\)\] V.](#)

RRID:WB-STRAIN:WBStrain00055498

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055498

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055498>

Proper Citation: RRID:WB-STRAIN:WBStrain00055498

Description: Caenorhabditis elegans with name rpl-38(ve855[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: rpl-38(ve855[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V.

Notes: Homozygous sterile. Deletion of 5417 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+ sterile (ve855 homozygotes) and arrested non-GFP (stage unknown) (sC4 homozygotes). Maintain by picking wild-type dim GFP+. May grow better at 15C. Left flanking Sequence: CTCTCGAAAGCAGAATTAAATTCGTTTAGA; Right flanking sequence: GCTCAAGTAGATCAAATCTCTTCTCTGCTC. rpl-38 sgRNA #1: ATCCACCATTGCGATGCCAA; rpl-38 sgRNA #2: TCCTTGACTTGGATGCCTGG. 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)|WBGene00004452(rpl-38)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001080(dpy-21), WBGene00003514(myo-2), WBGene00004452(rpl-38), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00055498

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rpl-38(ve855[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: 20260815T163846+0000

Ratings and Alerts

No rating or validation information has been found for rpl-38(ve855[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 rpl-38(ve855[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.