

Resource Summary Report

Generated by [kravitz2](#) on Sep 1, 2026

[cwc-15\(ve604\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/sC4\(s2172\) \[dpy-21\(e428\)\] V.](#)

RRID:WB-STRAIN:WBStrain00049343

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049343

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049343>

Proper Citation: RRID:WB-STRAIN:WBStrain00049343

Description: Caenorhabditis elegans with name cwc-15(ve604[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: cwc-15(ve604[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sC4(s2172) [dpy-21(e428)] V.

Notes: ?. Deletion of 1421 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, GFP+ PHENOTYPIC DESCRIPTION (ve604 homozygotes) and arrested non-GFP (stage unknown) (sC4 homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: aactcatattcaaaactcgcgccgaaatgt ; Right flanking sequence: gtaggccgtatcgacttttcaagtactttt. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."Homozygous larval arrest. Deletion of 1421 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, GFP+ clear young larvae easiest to see at the edge of the lawn (ve604 homozygotes) and arrested non-GFP (stage unknown) (sC4 homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: aactcatattcaaaactcgcgccgaaatgt ; Right flanking sequence: gtaggccgtatcgacttttcaagtactttt. 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)|WBGene00011687(cwc-15)

Genomic Alteration: WBGene00001080(dpy-21), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00011687(cwc-15)

Catalog Number: WB-STRAIN:WBStrain00049343

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: cwc-15(ve604[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: 20230227T013832+0000

Record Last Update: 20260829T162701+0000

Ratings and Alerts

No rating or validation information has been found for cwc-15(ve604[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 cwc-15(ve604[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.