

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

[cope-1\(ve582\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\) III.](#)

RRID:WB-STRAIN:WBStrain00049328

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049328

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049328>

Proper Citation: RRID:WB-STRAIN:WBStrain00049328

Description: Caenorhabditis elegans with name cope-1(ve582[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) III. from WB.

Species: Caenorhabditis elegans

Synonyms: cope-1(ve582[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) III.

Notes: Homozygous viable. Deletion of 1274 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: aaagtccgcaatattacattgcgcgtgaag ; Right flanking sequence: CATGGGTTATCGATTTC AATGAGAAGGAAG. 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: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00009732(cope-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00009732(cope-1)

Catalog Number: WB-STRAIN:WBStrain00049328

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: cope-1(ve582[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) III.

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260829T162701+0000

Ratings and Alerts

No rating or validation information has been found for cope-1(ve582[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) III..

No alerts have been found for cope-1(ve582[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) III..

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.