

Resource Summary Report

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coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II.

RRID:WB-STRAIN:WBStrain00063345

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063345

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063345>

Proper Citation: RRID:WB-STRAIN:WBStrain00063345

Description: Caenorhabditis elegans with name coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II. from WB.

Species: Caenorhabditis elegans

Synonyms: coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II.

Notes: Made_by: VH KO group|"umnIs37 [myo-2p::mKate2 + NeoR, II: 11755713 (intergenic)] II. Pick viable fertile GFP+ and mKate2+ animals to maintain. Apparent homozygous lethal or sterile deletion balanced with mnC1. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ homozygotes and paralysed DpyUnc mKate2+ mnC1 homozygotes. Derived from parental strains VH7182 and CGC48. hd7182 is a 1757 bp deletion with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking Sequence: TTGCACAACTCTGTGGAATATCCATTTCAC; Right flanking sequence: ATAGCTTCTTCGCTTATTTTCCAGACATC. sgRNA #1: ACGCTCGAATCGCAAACCTGG; sgRNA #2: GCAGGAACAGGCCGAAAGGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00001072(dpy-10)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006787(unc-52)|WBGene00006789(unc-54)|WBGene00013925(coa-7)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006787(unc-52), WBGene00006789(unc-54), WBGene00013925(coa-7)

Catalog Number: WB-STRAIN:WBStrain00063345

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II.

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260815T164105+0000

Ratings and Alerts

No rating or validation information has been found for coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II..

No alerts have been found for coa-7 (hd7182 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II..

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.