

Resource Summary Report

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[rpom-1 \(hd7178 \[loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP\]\)/hln1 \[unc-101\(sy241\)\] I.](#)

RRID:WB-STRAIN:WBStrain00063343

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063343

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063343>

Proper Citation: RRID:WB-STRAIN:WBStrain00063343

Description: Caenorhabditis elegans with name rpom-1 (hd7178 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/hln1 [unc-101(sy241)] I. from WB.

Species: Caenorhabditis elegans

Synonyms: rpom-1 (hd7178 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/hln1 [unc-101(sy241)] I.

Notes: Made_by: VH KO group|"Maintain by picking viable fertile wild-type GFP+. Apparent homozygous lethal or sterile deletion balanced with hln1. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, GFP+ homozygotes, and Unc homozygotes. Derived from parental strains VH7178 and PS1056. hd7179 is a deletion of 12118 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: TTCGGGCGAGGTAACGGGCGAATATTGCCG; Right flanking sequence: AACTGATTCTCAGTTAACCTAACCAATGAT. sgRNA #1: CAAACCCCGTACTTTTCAGG; sgRNA #2: AAGAAGTCGGGCTACTCAGG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00006829(unc-101)|WBGene00013680(rpom-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00006829(unc-101), WBGene00013680(rpom-1)

Catalog Number: WB-STRAIN:WBStrain00063343

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rpom-1 (hd7178 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/hln1 [unc-101(sy241)] l..

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260815T164105+0000

Ratings and Alerts

No rating or validation information has been found for rpom-1 (hd7178 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/hln1 [unc-101(sy241)] l..

No alerts have been found for rpom-1 (hd7178 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/hln1 [unc-101(sy241)] l..

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.