

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[vps-25\(ve801\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/hln1 \[unc-54\(h1040\)\] I.](#)

RRID:WB-STRAIN:WBStrain00055449

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055449

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055449>

Proper Citation: RRID:WB-STRAIN:WBStrain00055449

Description: Caenorhabditis elegans with name vps-25(ve801[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [unc-54(h1040)] I. from WB.

Species: Caenorhabditis elegans

Synonyms: vps-25(ve801[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [unc-54(h1040)] I.

Notes: Late larval arrest. Deletion of 1316 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 arrested L4 larvae (ve801 homozygotes) and non-GFP Unc animals (hln1[unc-54(h1040)] homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: CAAATAAATTTAACGCCTTCATTATCTCCA ; Right flanking sequence: CGGCctgaaaaatgcgtaattccctgaaaa. sgRNA #1: GCTCAATTGATGAATATCGG; sgRNA #2: TGACACCGTCGGTTGAGAGG. 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)|WBGene00012193(vps-25)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00012193(vps-25)

Catalog Number: WB-STRAIN:WBStrain00055449

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: vps-25(ve801[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [unc-54(h1040)] I.

Record Creation Time: 20240716T202610+0000

Record Last Update: 20260808T171930+0000

Ratings and Alerts

No rating or validation information has been found for vps-25(ve801[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [unc-54(h1040)] I..

No alerts have been found for vps-25(ve801[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [unc-54(h1040)] I..

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.