

Resource Summary Report

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W04A8.6(gk5429[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hln1[unc-101(sy241)] I.

RRID:WB-STRAIN:WBStrain00051172

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051172

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051172>

Proper Citation: RRID:WB-STRAIN:WBStrain00051172

Description: Caenorhabditis elegans with name W04A8.6(gk5429[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: W04A8.6(gk5429[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hln1[unc-101(sy241)] I.

Notes: Apparent homozygous lethal or sterile deletion balanced by hln1[unc-101]. Pick viable fertile GFP+ animals to maintain; hln1 homozygotes are non-GFP Unc. Deletion of 3831 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain. Left flanking sequence: AAAAGTCGAATTTTGTAGCCAAAAACCTTAG. Right flanking sequence: GCCGCTCAAATTGCGTATAAAAGGACGAAT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: Vancouver KO Group"

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

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

Catalog Number: WB-STRAIN:WBStrain00051172

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: W04A8.6(gk5429[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hln1[unc-101(sy241)] I.

Record Creation Time: 20230227T013845+0000

Record Last Update: 20260815T163736+0000

Ratings and Alerts

No rating or validation information has been found for W04A8.6(gk5429[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hln1[unc-101(sy241)] I..

No alerts have been found for W04A8.6(gk5429[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/hln1[unc-101(sy241)] 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.