

Resource Summary Report

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ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV.

RRID:WB-STRAIN:WBStrain00049370

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049370

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049370>

Proper Citation: RRID:WB-STRAIN:WBStrain00049370

Description: Caenorhabditis elegans with name ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV.

Notes: Homozygous sterile, Pvl. Deletion of 1629 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+ non-Dpy Pvl sterile adults (ve631 homozygotes), Dpy non-GFP (dpy-9(e12) homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: acaatggaaatcggagTTATAATAATTCCT ; Right flanking sequence: CGGTTAGCTTCATaatttctattgaggggt. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Homozygous sterile. Deletion of 1629 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+ non-Dpy sterile adults (ve631 homozygotes), Dpy non-GFP (dpy-9(e12) homozygotes). Maintain by picking wild-type GFP+. Left flanking Sequence: acaatggaaatcggagTTATAATAATTCCT ; Right flanking sequence: CGGTTAGCTTCATaatttctattgaggggt. 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: WBGene00001071(dpy-9)|WBGene00001338(ears-2)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001071(dpy-9), WBGene00001338(ears-2), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00049370

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV.

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260815T163657+0000

Ratings and Alerts

No rating or validation information has been found for ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV..

No alerts have been found for ears-2(ve631[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) /dpy-9(e12) IV..

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.