

Resource Summary Report

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[msp-45\(gk5698\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\) II.](#)

RRID:WB-STRAIN:WBStrain00051307

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051307

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051307>

Proper Citation: RRID:WB-STRAIN:WBStrain00051307

Description: Caenorhabditis elegans with name msp-45(gk5698[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II. from WB.

Species: Caenorhabditis elegans

Synonyms: msp-45(gk5698[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II.

Notes: Homozygous viable. Deletion of 585 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Left flanking sequence: AAAATCAGAAAAGTTGAACTAAGGCCTTCT. Right flanking sequence: AGGTCATTTACGTACAAATAGCTAGGGCT. 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: WBGene00003438(msp-45)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003438(msp-45), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00051307

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: msp-45(gk5698[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II.

Record Creation Time: 20230227T013846+0000

Record Last Update: 20260829T162735+0000

Ratings and Alerts

No rating or validation information has been found for msp-45(gk5698[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II..

No alerts have been found for msp-45(gk5698[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) 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.