

Resource Summary Report

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arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

RRID:WB-STRAIN:WBStrain00052155

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00052155

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00052155>

Proper Citation: RRID:WB-STRAIN:WBStrain00052155

Description: Caenorhabditis elegans with name arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I. from WB.

Species: Caenorhabditis elegans

Synonyms: arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

Notes: Apparent homozygous lethal or sterile deletion as unbalanced heterozygote. Homozygotes are scrawny, grotty animals that appear internally disorganized and are sterile if they reach adulthood. Deletion of 3326 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain. Please refer to supporting documents linked to the strain name in the CGC Strain Information display. Left flanking sequence: TTTTTTTTCTCAAAAGCGAAAAAATTCCT. Right flanking sequence: AGGATCAGAATCCAAAAAATCGTGAAAAAA. 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: WBGene00000199(arx-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00000199(arx-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00052155

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

Record Creation Time: 20230227T013852+0000

Record Last Update: 20260815T163755+0000

Ratings and Alerts

No rating or validation information has been found for arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I..

No alerts have been found for arx-1(gk5974[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ 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.