Resource Summary Report

Generated by NIF on Sep 7, 2026

unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III.

RRID:WB-STRAIN:WBStrain00052059
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00052059

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00052059

Proper Citation: RRID:WB-STRAIN:WBStrain00052059

Description: Caenorhabditis elegans with name unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III.

Notes: Made_by: UDN Screening Center|"nIs189 [myo-2::GFP] integrated in or near qC1. No recombination seen between nIs189 and qC1; fails to complemement all markers on qC1. Pick wild-type GFP+ to maintain. Heterozygotes are slightly dumpy GFP+ (pharynx), and segregate wild-type GFP+ heterozygotes, Dpy Sterile GFP+, and non-GFP udn45 homozygotes (larval arrest; very few escapers grow into Dumpy Unc adults). Variant edit allele T90I. TspRI restriction site created by synonymous changes for ease of genotyping. Derived from VC4653; selection cassette in VC4653 was removed, and then crossed with qC1 nIs189 [myo-2::GFP] banlancer."|"nIs189 [myo-2::GFP] integrated in or near qC1. No recombination seen between nIs189 and qC1; fails to complement all markers on qC1. Pick wild-type GFP+ to maintain. Heterozygotes are wild-type GFP+ (pharynx), and segregate wild-type GFP+ heterozygotes, Dpy Sterile GFP+ (qC1 homozygotes), and non-GFP gk5722udn86 homozygotes (larval arrest; few escapers). Derived from VC4653; selection cassette in VC4653 was removed, and then crossed with qC1 nIs189 [myo-2::GFP] balancer."|"Null deletion."|"Supplementary_genotype unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III"

Affected Gene: WBGene00001078(dpy-19)|WBGene00001609(glp-1)|WBGene00006840(unc-116)

Genomic Alteration: WBGene00001078(dpy-19), WBGene00001609(glp-1), WBGene00006840(unc-116)

Catalog Number: WB-STRAIN:WBStrain00052059

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: PMID:37934770

Organism Name: unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III.

Record Creation Time: 20230227T013851+0000

Record Last Update: 20260905T115718+0000

Ratings and Alerts

No rating or validation information has been found for unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III..

No alerts have been found for unc-116(gk5722udn86)/qC1 [dpy-19(e1259) glp-1(q339)] nIs189 III..

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Marom R, et al. (2023) Dominant negative variants in KIF5B cause osteogenesis imperfecta via down regulation of mTOR signaling. PLoS genetics, 19(11), e1011005.