

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

RW1596

RRID:WB-STRAIN:WBStrain00033508

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033508

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033508>

Proper Citation: RRID:WB-STRAIN:WBStrain00033508

Description: Caenorhabditis elegans with name myo-3(st386) V; stEx30. from WB.

Species: Caenorhabditis elegans

Synonyms: myo-3(st386) V; stEx30.

Notes: stEx30 [myo-3p::GFP::myo-3 + rol-6(su1006)]. Rollers. Pick Rollers to maintain. stEx30 rescues myo-3(st386); animals which have lost the array arrest as 2-fold dead embryos. See also WBPaper00005628."|Supplementary_genotype myo-3(st386) V; stEx30 [myo-3p::GFP::myo-3; rol-6(su1006)]"|Supplementary_genotype myo-3(st386) V;stEx30 [myo-3p::GFP::myo-3; rol-6(su1006)]"|WBStrain mapped, WBPaper00060923 added based on AFP_Strain data."|WBStrain provided so WBPaper00061750 paper added based on AFP_Strain data."|WBStrain provided so WBPaper00061805 paper added based on AFP_Strain data."

Affected Gene: WBGene00003515(myo-3)

Genomic Alteration: WBGene00003515(myo-3)

Catalog Number: WB-STRAIN:WBStrain00033508

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31308550](#), [PMID:32139421](#), [PMID:33472069](#), [PMID:34321666](#), [PMID:34407398](#), [PMID:37713439](#), [PMID:37712432](#)

Alternate IDs: WB-STRAIN:RW1596, CGC_RW1596

Organism Name: RW1596

Record Creation Time: 20230227T013631+0000

Record Last Update: 20260815T163217+0000

Ratings and Alerts

No rating or validation information has been found for RW1596.

No alerts have been found for RW1596.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Dennis N, et al. (2025) A microbial community that alters mitochondrial morphology and age-related motor function in *C. elegans*. *iScience*, 28(12), 114128.

Parmar BS, et al. (2023) *azyx-1* is a new gene that overlaps with *zyxin* and affects its translation in *C. elegans*, impacting muscular integrity and locomotion. *PLoS biology*, 21(9), e3002300.

Hu LZ, et al. (2019) EPIC: software toolkit for elution profile-based inference of protein complexes. *Nature methods*, 16(8), 737.