

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

GN517

RRID:WB-STRAIN:WBStrain00007873

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007873

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007873>

Proper Citation: RRID:WB-STRAIN:WBStrain00007873

Description: Caenorhabditis elegans with name pgEx116. from WB.

Species: Caenorhabditis elegans

Synonyms: pgEx116.

Notes: pgEx116 [unc-70::TSMOD + myo3p::mCherry]. Pick animals with red fluorescence in body wall muscle to maintain array. The tension sensor module (TSMOD) was inserted into the coding sequence of unc-70. TSMOD consists of a donor (mTFP) and acceptor (Venus) fluorophore separated by a flexible linker made of 40 residues from the spider-silk flagelliform, which acts as an entropic nanospring suitable for estimating biologically relevant forces. Reference: Krieg M, et al. Nat Cell Biol. 2014 Mar;16(3):224-33.

Catalog Number: WB-STRAIN:WBStrain00007873

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:GN517, CGC_GN517

Organism Name: GN517

Record Creation Time: 20230227T013318+0000

Record Last Update: 20260801T171225+0000

Ratings and Alerts

No rating or validation information has been found for GN517.

No alerts have been found for GN517.

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.