

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

unc-49(e407) III; hpls592; lpls131.

RRID:WB-STRAIN:WBStrain00055691

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055691

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055691>

Proper Citation: RRID:WB-STRAIN:WBStrain00055691

Description: Caenorhabditis elegans with name unc-49(e407) III; hpls592; lpls131. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-49(e407) III; hpls592; lpls131.

Notes: hpls592 [ttr-39p::Chrimson::wCherry + lin-15(+)]. lpls131 [myo-3p::GCaMP3::UrSL2::tagRFP-T]. Shrinker. Body relaxation upon green light illumination with ATR. Reference: Lu Y, et al. 2022. Current Biology (In Press).

Affected Gene: WBGene00006784(unc-49)

Genomic Alteration: WBGene00006784(unc-49)

Catalog Number: WB-STRAIN:WBStrain00055691

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: unc-49(e407) III; hpls592; lpls131.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260725T172828+0000

Ratings and Alerts

No rating or validation information has been found for unc-49(e407) III; hpls592; lpls131..

No alerts have been found for unc-49(e407) III; hpls592; lpls131..

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.