

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

ljls131; hpEx4340.

RRID:WB-STRAIN:WBStrain00055702

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055702

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055702>

Proper Citation: RRID:WB-STRAIN:WBStrain00055702

Description: Caenorhabditis elegans with name ljls131; hpEx4340. from WB.

Species: Caenorhabditis elegans

Synonyms: ljls131; hpEx4340.

Notes: ljls131 [myo-3p::GCaMP3::UrSL2::tagRFP-T]. hpEx4340 [nmr-1p::TeTx::wCherry + sra-11p::TeTx::wCherry + HygromycinR]. Animals carrying the array show additional red fluorescence in the head compared to those that have lost the array. Transgenic animals are severely Unc. RFP positive head neuron soma can be observed under V16 in older animals. Hygromycin can be used to select for hpEx4340 transgenic animals. Reference: Lu Y, et al. Curr Biol. 2022 Nov 7;32(21):4631-4644.e5. doi: 10.1016/j.cub.2022.09.002. PMID: 36182701.

Catalog Number: WB-STRAIN:WBStrain00055702

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ljls131; hpEx4340.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260905T115813+0000

Ratings and Alerts

No rating or validation information has been found for ljlS131; hpEx4340..

No alerts have been found for ljlS131; hpEx4340..

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.