

Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 2026

UP3542

RRID:WB-STRAIN:WBStrain00035425

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00035425>

Proper Citation: RRID:WB-STRAIN:WBStrain00035425

Description: Caenorhabditis elegans with name lpr-3(cs231) X; csEx436. from WB.

Species: Caenorhabditis elegans

Synonyms: lpr-3(cs231) X; csEx436.

Notes: csEx436 [lpr-3 (fosmid WRM619dE09) + myo-2p::mCherry]. Pick mCherry+ animals to maintain. cs231 is a Crispr/Cas9-induced null allele of lpr-3: a 13 nucleotide deletion in exon 1 results in frameshift. Homozygous mutants are embryonic lethal, but are rescued by csEx436 containing lpr-3(+) fosmid WRM619dE09. NOTE: lpr-3(cs231) should be considered the canonical allele as ok2351 also perturbs expression of adjacent gene lpr-6. Reference: Forman-Rubinsky R, Cohen JD and Sundaram MV. Genetics. 2017 Oct;207(2):625-642.

Affected Gene: WBGene00012261(lpr-3)

Genomic Alteration: WBGene00012261(lpr-3)

Catalog Number: WB-STRAIN:WBStrain00035425

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:UP3542, CGC_UP3542

Organism Name: UP3542

Record Creation Time: 20230227T013646+0000

Record Last Update: 20260808T171503+0000

Ratings and Alerts

No rating or validation information has been found for UP3542.

No alerts have been found for UP3542.

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 [PRECISE-TBI](#) .

Katz SS, et al. (2022) A transient apical extracellular matrix relays cytoskeletal patterns to shape permanent acellular ridges on the surface of adult *C. elegans*. PLoS genetics, 18(8), e1010348.