

Resource Summary Report

Generated by ASWG on Aug 15, 2026

NJ731

RRID:WB-STRAIN:WBStrain00028855

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00028855>

Proper Citation: RRID:WB-STRAIN:WBStrain00028855

Description: Caenorhabditis elegans with name exc-5(rh232) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: exc-5(rh232) IV.

Notes: Formation of large round cysts in the excretory canal. The cysts begin to form shortly before hatching and is penetrant. The cysts grow in size throughout larval and adult stages, and can be lethal. The cysts form primarily at the canal tips. Some of the larger cysts may be visible by low power microscopy. Slight variable defects in the tail whip. Impenetrant distal tip cell migration defects (Mig).

Affected Gene: WBGene00001366(exc-5)

Genomic Alteration: WBGene00001366(exc-5)

Catalog Number: WB-STRAIN:WBStrain00028855

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:NJ731, CGC_NJ731

Organism Name: NJ731

Record Creation Time: 20230227T013556+0000

Record Last Update: 20260815T163052+0000

Ratings and Alerts

No rating or validation information has been found for NJ731.

No alerts have been found for NJ731.

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 [ASWG](#) .

Snoozy J, et al. (2025) XDH-1 inactivation causes xanthine stone formation in *C. elegans* which is inhibited by Sulp-4-mediated anion exchange in the excretory cell. bioRxiv : the preprint server for biology.