

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

KG2430

RRID:WB-STRAIN:WBStrain00023489

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00023489

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023489>

Proper Citation: RRID:WB-STRAIN:WBStrain00023489

Description: Caenorhabditis elegans with name cels56 X. from WB.

Species: Caenorhabditis elegans

Synonyms: cels56 X.

Notes: cels56 [unc-129p::ctns-1::mCherry + nlp-21p::Venus + ttx-3p::RFP]; Maps to X: 9.0 +/- 3.0 m.u. Expresses the lysosomal membrane marker CTNS-1 in a subset of 9 DA/DB cholinergic motor neurons in the ventral cord, and NLP-21::Venus in the same neurons as a marker for soluble DCV cargo and to help identify the boundaries of the somas and axons when imaging lysosomes. Reference: Edwards SL, et al. Genetics. 2015 Sep;201(1):91-116. Edwards SL, et al. Genetics. 2015 Sep;201(1):117-41.|"Mutagen:Gamma Rays"

Catalog Number: WB-STRAIN:WBStrain00023489

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:KG2430, CGC_KG2430

Organism Name: KG2430

Record Creation Time: 20230227T013515+0000

Record Last Update: 20260829T161853+0000

Ratings and Alerts

No rating or validation information has been found for KG2430.

No alerts have been found for KG2430.

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 [NIF](#) .

Jiang WI, et al. (2025) Suppressing APOE4-induced neural pathologies by targeting the VHL-HIF axis. Proceedings of the National Academy of Sciences of the United States of America, 122(5), e2417515122.