

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

HY496

RRID:WB-STRAIN:WBStrain00008570

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00008570

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00008570>

Proper Citation: RRID:WB-STRAIN:WBStrain00008570

Description: Caenorhabditis elegans with name bre-1(ye4) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: bre-1(ye4) IV.

Notes: Made_by: Elyassnia/Aroian|"Resistant to Cry5B Bt toxin. Reduced brood size."

Affected Gene: WBGene00000266(bre-1)

Genomic Alteration: WBGene00000266(bre-1)

Catalog Number: WB-STRAIN:WBStrain00008570

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38719808](#)

Alternate IDs: WB-STRAIN:HY496, CGC_HY496

Organism Name: HY496

Record Creation Time: 20230227T013323+0000

Record Last Update: 20260829T161423+0000

Ratings and Alerts

No rating or validation information has been found for HY496.

No alerts have been found for HY496.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Davie T, et al. (2024) Identification of a family of species-selective complex I inhibitors as potential anthelmintics. Nature communications, 15(1), 3367.

Maduzia LL, et al. (2011) Caenorhabditis elegans galectins LEC-6 and LEC-10 interact with similar glycoconjugates in the intestine. The Journal of biological chemistry, 286(6), 4371.