

HER number

420

Identification

Name

φ13

Morphotype

E2

Other designations

Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

Cystoviridae

Genus

Cystovirus

Species

Cystovirus phi13

Images

Electron Micrograph

Image

FHRCBV

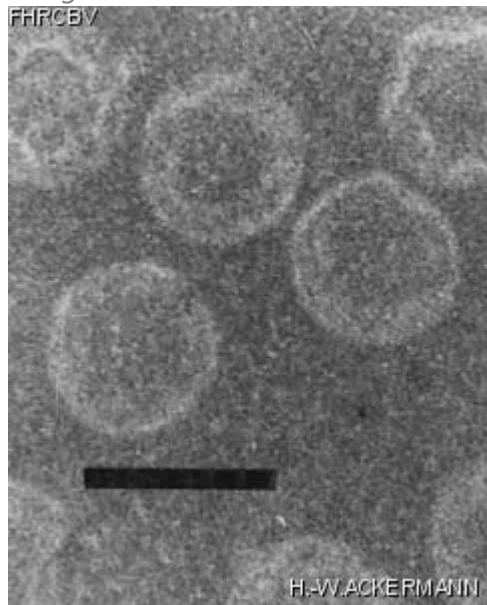


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Characteristics

Plaques: 1.5 mm, clear.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1419

Reference

Mindich, L. and coll. 1999. Isolation of additional bacteriophages with genomes of segmented double-stranded RNA. J. Bacteriol. 181: 4505-4508.

Remarks

Lipid envelope.

Double-stranded DNA.

Kills host without multiplication at high multiplicity.

Inactivated by chloroform or detergents.

History

History

Isolated by

Xueying Quiao

Mindich's Laboratory

New York

Date

1998

Received from

Dr L. Mindich

Dept. of Microbiology

Public Health Research Institute

455 First Avenue, New York, NY 10016

Date

26-08-2000

Source

Raphanus sativum (radish) leaves.

Updated at

2024-01-22