

HER number

77

Identification

Name

N4

Morphotype

C1 (Podophage)

Other designations

N4+

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Schitoviridae

Genus

Enquatrovirus

Species

Enquatrovirus N4

Images

Electron Micrograph

Image

FHRCEV

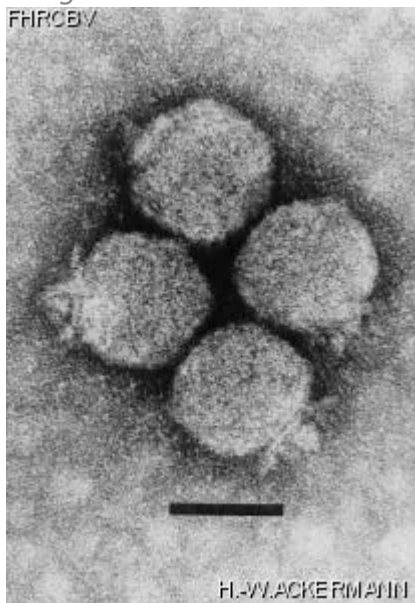


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

Characteristics

Plaques: 0.1mm, clear, no halo.
Early transcription is carried out by virion-encapsulated RNA polymerase.
Extensive collection of mutants available from Dr Rothman-Denes.
12 tail fibers originating at the neck.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1077

Reference

Molina, A. M., A. Pesce, and G. C. Shito. 1965. Un nuovo batteriofago attivo sul ceppo K12 di *E. coli*. I. Caratteristiche biologiche. Boll. Ist. Sieroter. Milan. 44:329-337.

Remarks

Also held at the DSMZ collection under DSM 112144.

History

History

Received from

Prof. L. B. Rothman-Denes,
Department of biophysics and theoretical biology,
University of Chicago,
920 East 58th Street,
Chicago, IL 60637,
USA.

Date

22-03-1982

Received from

Prof. G. C. Schito,
Institut of microbiology,
University of Parma, Italy.

Date

1971

Isolated by

Prof. G. C. Schito,
Genoa, Italy.

Date

1965

Source

Sewage

Updated at

2024-01-16