

*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*

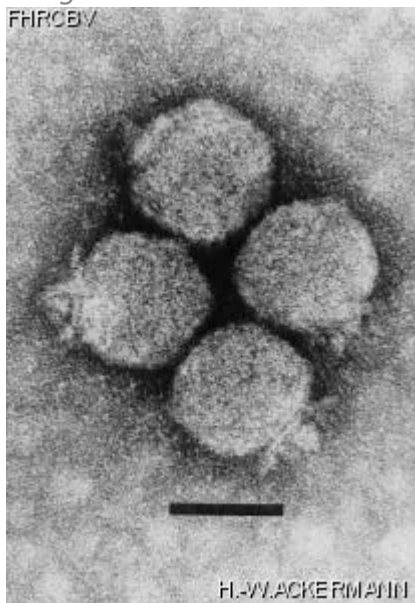
*Enquatrovirus N4*

## 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