

HER number

175

Identification

Name

SPβ

Morphotype

B1 (Siphophage)

Other designations

SPbeta

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Spbetavirus

Species

Spbetavirus SPbeta

Images

Electron Micrograph

Image



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

Characteristics

Plaques: 0.2-0.5 mm, clear.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1175

Reference

Warner, F.D., G.A. Kitos, M.P. Romano, and H.E. Hemphill. 1977. Characterization of SPÎ² : a temperate bacteriophage from *Bacillus subtilis* 168M. Can. J. Microbiol. 23:45-51.

Remarks

Held in another permanent collection : Bacillus Genetic Stock Center

May be obtained from strain HER 1171 by induction with mitomycin C (1mg/ml)

First observed in *B. subtilis* lysates before 1963.

History

History

Received from

S.A. Zahler,
Section of Genetics and Development,
Bradfield Hall,
Cornell University,
Ithaca, NY 14853,
USA

Date

03-31-1983

Received from

H.E. Hemphill,
Department of Microbiology,
School of Medicine,
University of Washington,
Seattle, Washington 98195,
USA

Date

Isolated by

F.D. Warner et al.,
Department of Biology,
Syracuse University,
Syracuse, NY 13210,
USA

Date

Before 1977

Source

Bacillus subtilis 168M

Updated at

2024-01-16