

HER number  
175

## Identification

Name 175	Morphotype B1 (Siphophage)	Other designations SPbeta
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## Taxonomy

Realm	Kingdom	Phylum	Class
Order	Family ?1	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 SP12 : 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**

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

#### **Date**

#### **Received from**

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

#### **Date**

31-03-1983

#### **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