Phage HER 175

HER number
175

Identification

Name	*Morphotype*	*Other designations*	
SPβ	B1 (Siphophage)	SPbeta	

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*
		Spbetavirus	*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