

<i>HER number</i> 175			
Identification			
<i>Name</i> 175	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i> SPbeta	
Taxonomy			
<i>Realm</i> Duplodnaviria	<i>Kingdom</i> Heunggongvira	<i>Phylum</i> <u>Uroviricota</u>	<i>Class</i> Caudoviricetes
<i>Order</i>	<i>Family</i>	<i>Genus</i> Spbetavirus	<i>Species</i> Spbetavirus SPbeta
Images			
<i>Electron Micrograph</i> <i>Image</i> 	<i>Image description</i> Magnification: 297,000X Bar: 50 nm Staining: UAB		
<i>Characteristics</i> Plaques: 0.2-0.5 mm, clear.	<i>Genomic sequence</i> Activated		
Propagation conditions			

Bacterial hosts
1175

Reference

Warner, F.D., G.A. Kitos, M.P. Romano, and H.E. Hemphill. 1977. Characterization of SP $\hat{1}^2$: 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

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Received from	Date
S.A. Zahler, Section of Genetics and Development, Bradfield Hall, Cornell University, Ithaca, NY 14853, USA	03-31-1983

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

Isolated by	Date
F.D. Warner et al., Department of Biology, Syracuse University, Syracuse, NY 13210, USA	Before 1977

Source
Bacillus subtilis 168M

Updated at
2024-01-16