

HER number
276

Identification

Name 276	Morphotype A1 (Myophage)	Other designations
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Taxonomy

Realm	Kingdom	Phylum	Class
Order	Family ?1	Genus Donellivirus	Species Donellivirus gee

Images

Electron Micrograph

Image

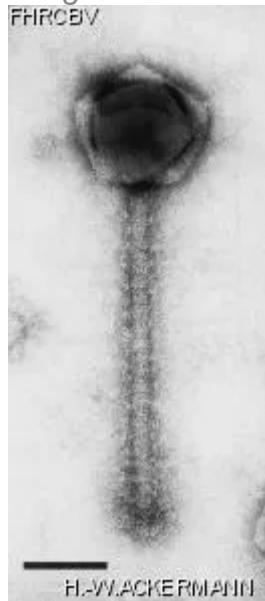


Image description

Magnification: 297,000X

Bar: 100 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Veiled plaques of 1 mm. Largest phage known. Unique morphology (spring-like spiral around sheath). Genome of 750 kb, DNA glucosylated.</p>	<p><i>Genomic sequence</i></p> <p>Activated</p>
<p>Propagation conditions</p>	
<p><i>Bacterial hosts</i></p> <p>1276</p>	
<p><i>Reference</i></p> <p>Donelli, G., F. Guglielmi, and L. Paoletti. 1972. Structure and physico-chemical properties of bacteriophage G. I. Arrangement of protein subunits and contraction process of tail sheath. J. Mol. Biol. 71: 113-125.</p> <p>Ageno, M., G. Donelli, and F. Guglielmi. 1973. Structure and physico-chemical properties of bacteriophage G. II. The shape and symetry of the capsid. Micron 4: 376-403.</p>	
<p><i>Remarks</i></p> <p>Also held in the ATCC collection : no. 43725-B1. Does not resist lyophilization.</p>	
<p>History</p>	

History

Received from

Prof. Walton L. Fangman
Department of Genetics, SK 50
University of Washington
Seattle, WA 98195, USA

Date

16-01-1987

Isolated by

G. Donelli
Physics Laboratory
Istituto Superiore de Sanité, Rome
Italy

Date

1968

Received from

Prof. Gianfranco Donelli
Laboratorio di Ultrastructura
Istituto Superiore di Sanité
Viale Regina Elena, 299
00161 Roma, Italy

Date

Before 1978

Source

Lysate of *B. megaterium* phage a

Updated at

2024-01-19