

HER number 276					
Identification					
Name 276	<i>Morphotype</i> A1 (Myophage)	Other designations			
Taxonomy					
Realm	Kingdom	Phylum	Class		
Order	Family ?1	Genus Donellivirus	Species Donellivirus gee		
Images	Images				
Electron Micrograph Image FHRCBV FHRCBV H-VV.ACKE RMIANN		Image description Magnification: 297,000 Bar: 100 nm Staining: UA	Magnification: 297,000X Bar: 100 nm		

Characteristics Veiled plaques of 1 mm. Largest phage known. Unique morphology (spring-like spiral around sheath). Genome of 750 kb, DNA glucosylated.	Genomic sequence Activated

Propagation conditions

Bacterial hosts 1276

Reference

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.

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.

Remarks

Also held in the ATCC collection : no. 43725-B1. Does not resist lyophilization.

History

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	
<i>Updated at</i> 2024-01-19	