Phage HER 276

HER number
276

Identification

Name	*Morphotype*	*Other designations*	
276	A1 (Myophage)		

Taxonomy

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

Images

Electron Micrograph Image

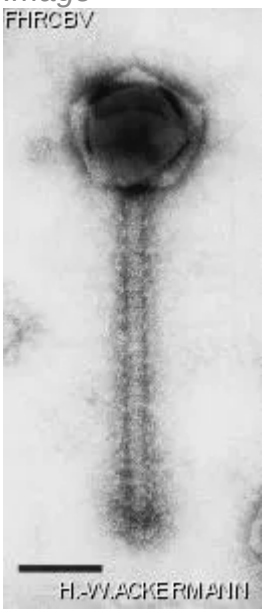

Image description
Magnification: 297,000X
Bar: 100 nm
Staining: UA

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	**Date**
Prof. Gianfranco Donelli Laboratorio di Ultrastructura Istituto Superiore di Sanité Viale Regina Elena, 299 00161 Roma, Italy	Before 1978
Received from	**Date**
Prof. Walton L. Fangman Department of Genetics, SK 50 University of Washington Seattle, WA 98195, USA	01-16-1987
Isolated by	**Date**
G. Donelli Physics Laboratory Istituto Superiore de Sanité, Rome Italy	1968

Source

Lysate of *B. megaterium* phage a

Updated at

2024-01-19