

<i>HER number</i> 277			
Identification			
<i>Name</i> 277	<i>Morphotype</i> C1 (Podophage)	<i>Other designations</i>	
Taxonomy			
<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <u><i>Uroviricota</i></u>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>
Images			
<i>Electron Micrograph</i>	<i>Image description</i>		
<i>Characteristics</i>	<i>Genomic sequence</i> Deactivated		
Propagation conditions			
<i>Bacterial hosts</i> 1277			
<i>Reference</i> Abeliovich, A., and S. Kaplan. 1974. Bacteriophages of <i>*Rhodopseudomonas sphaeroides*</i> : isolation and characterization of a <i>*Rhodopseudomonas sphaeroides*</i> bacteriophage. J. Virol. 13: 1392-1399.			

Remarks

May be used for typing *Rhodobacter sphaeroides*.
Strain 2.4.7 and its derivatives are resistant to lysis.
Strains 2.4.1 (ATCC 17023) and 8253 are sensitive.
Strain 630 is resistant due to a restriction-modification system; R- derivatives are sensitive to RS1.

History

History

Received from

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Date

12-10-1986

Isolated by

A. Abeliovich and S. Kaplan
Department of Microbiology
University of Illinois, Urbana
USA

Date

1973

Source

Sewage oxidation pond, University of Illinois pig farm

Updated at

2024-01-19