

HER number
277

Identification

<i>Name</i> 277	<i>Morphotype</i> C1 (Podophage)	<i>Other designations</i>	
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Taxonomy

<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <i>Uroviricota</i>	<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>
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<i>Characteristics</i>	<i>Genomic sequence</i> Deactivated
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Propagation conditions

Bacterial hosts
1277

Reference

Abeliovich, A., and S. Kaplan. 1974. Bacteriophages of **Rhodopseudomonas spheroides**: isolation and characterization of a **Rhodopseudomonas spheroides** bacteriophage. J. Virol. 13: 1392-1399.

Remarks

May be used for typing *Rhodobacter spheroides*.
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

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Received from	Date
Dr S. Kaplan Department of Microbiology University of Illinois at Urbana-Champaign, 407 S Goodwin Urbana, Illinois 61801, USA	12-10-1986

Isolated by	Date
A. Abeliovich and S. Kaplan Department of Microbiology University of Illinois, Urbana USA	1973

Source

Sewage oxidation pond, University of Illinois pig farm

Updated at

2024-01-19