

HER number
277

Identification

Name 277	Morphotype C1 (Podophage)	Other designations
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Taxonomy

Realm <i>Duplodnaviria</i>	Kingdom <i>Heunggongvirae</i>	Phylum Uroviricota	Class <i>Caudoviricetes</i>
Order	Family	Genus	Species

Images

Electron Micrograph	Image description
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Characteristics	Genomic sequence Deactivated
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Propagation conditions

Bacterial hosts
1277

Reference

Abeliovich, A., and S. Kaplan. 1974. Bacteriophages of **Rhodopseudomonas spheroides**: isolation and characteization 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

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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