Phage HER 277

HER number
277

Identification

Name	*Morphotype*	*Other designations*	
RS1	C1 (Podophage)		

Taxonomy

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

Images

Electron Micrograph	*Image description*
Characteristics	*Genomic sequence* Deactivated

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
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University of Illinois, Urbana
USA

Date
1973

Source
Sewage oxidation pond, University of Illinois pig farm

Updated at
2024-01-19