

HER number

277

Identification

Name

RS1

Morphotype

C1 (Podophage)

Other designations

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

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 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

Dr S. Kaplan
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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