

HER number

307

Identification

Name

φ16

Morphotype

A1 (Myophage)

Other designations

Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

?1

Genus

Species

Images

Electron Micrograph

Image description

Characteristics

Clear plaques of 0.1mm

Type phage for ?16-like vibriophages (over 200 genetically related marine phages)

DNA : 58kb, GC=70%, DAM methylation

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1307

Reference

Kellogg, C.A., J.B. Rose, S.C. Jiang, J.M. Thurmond, and J.H. Paul. 1995. Genetic diversity of related vibriophages isolated from marine environments around Florida and Hawaii, USA. Marine Ecol. Progr. Ser. 120:89-98.

Remarks

To obtain maximal titers in double layer : dilute phages to 10^5 - 10^6 PFU/mL.

History

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Isolated by

Sunny C. Jiang and John H. Paul
University of South Florida, Marine Science Department

Date

05-1991

Received from

Dr Christina A. Kellogg
University of South Florida, Marine Science Department
140 7th Avenue S., St. Petersburg, FL 33701, USA

Date

22-09-1998

Source

Seawater, St. Petersburg Pier, Tampa Bay, FL

Updated at

2024-01-19