

HER number
309

Identification

<i>Name</i> 309	<i>Morphotype</i> A1 (Myophage)	<i>Other designations</i>
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Taxonomy

<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i>

Images

<i>Electron Micrograph</i>	<i>Image description</i>
<i>Characteristics</i> Clear plaques of 0.1mm DNA : double-stranded, GC=58%, DAM methylation	<i>Genomic sequence</i> 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 10⁵-10⁶ PFU/mL.

History

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Isolated by
C.A. Kellogg and John H. Paul
University of South Florida, Marine Science Department

Date
07-1992

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
Concentrated seawater, Gulf of Mexico, 25°47', 85°16'W, at 1500m depth

Updated at
2024-01-19