Phage HER 307

HER number
307

Identification

Name	*Morphotype*	*Other designations*	
ϕ16	A1 (Myophage)		

Taxonomy

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

Images

Electron Micrograph	*Image description*

Characteristics	*Genomic sequence*
Clear plaques of 0.1mm Type phage for ϕ16-like vibriophages (over 200 genetically related marine phages) DNA : 58kb, GC=70%, DAM methylation	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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Received from

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140 7th Avenue S., St. Petersburg, FL 33701, USA

Date

22-09-1998

Isolated by

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

Date

05-1991

Source

Seawater, St. Petersburg Pier, Tampa Bay, FL

Updated at

2024-01-19