

*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 10<sup>5</sup>-10<sup>6</sup> PFU/mL.

# History

*History*

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

**Date**  
07-1992

**Received from**  
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**Date**  
22-09-1998

*Source*

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

*Updated at*  
2024-01-19