

HER number

282

## Identification

Name

φH

Morphotype

A1 (Myophage)

Other designations

φH1

## Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Vertoviridae

Genus

Myohalovirus

Species

Myohalovirus phiH

## Images

Electron Micrograph

Image

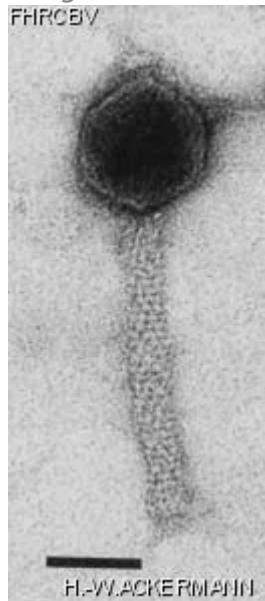


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Clear plaques of 0.1 to 0.5 mm. Incubate for 3 days.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>
---	---

## Propagation conditions

*Bacterial hosts*  
1282

*Reference*  
Schnabel, H., W. Zillig, M. Pfäffle, R. Schnabel, H. Michel, and H. Delius. 1982. \*Halobacterium halobium\* phage ?H. EMBO J. 1:87-92.

*Remarks*

Propagation is easier if the NaCl content is lowered to 20%.  
The first isolate of ?H was a mixture of variants which could be isolated by cloning of single plaques.  
Most of the subsequent work was done with the major (90%) of single plaques.

## History

<i>History</i>	
<p><b>Isolated by</b></p> <p>H. Michel and W. Zillig Max-Planck-Institut für Biochemie Germany</p>	<p><b>Date</b></p> <p>1978</p>
<p><b>Received from</b></p> <p>Dr W. Zillig Max-Planck-Institut für Biochemie D-8033 Martinsried bei München Germany</p>	<p><b>Date</b></p> <p>01-21-1987</p>

*Source*  
Lysate of fermenter culture of \*Halobacterium halobium\* R1, Würzburg

*Updated at*  
**2024-01-19**