

HER number
282

Identification

Name 282	Morphotype A1 (Myophage)	Other designations ?H1
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Taxonomy

Realm	Kingdom	Phylum	Class
Order	Family Vertoviridae	Genus Myohalovirus	Species Myohalovirus phiH

Images

Electron Micrograph

Image

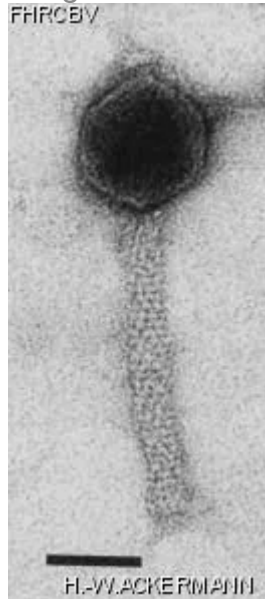


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

Characteristics

Clear plaques of 0.1 to 0.5 mm.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1282

Reference

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

Remarks

Propagation is easier if the NaCl content is lowered to 20%.

The first isolate of ϕ 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

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Isolated by

H. Michel and W. Zillig
Max-Planck-Institut für Biochemie
Germany

Date

1978

Received from

Dr W. Zillig
Max-Planck-Institut für Biochemie
D-8033 Martinsried bei München
Germany

Date

21-01-1987

Source

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

Updated at

2024-01-19