

HER number

172

Identification

Name

Erh1

Morphotype

C3 (Podophage)

Other designations

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Species

Images

Electron Micrograph

Image

FHRCBY

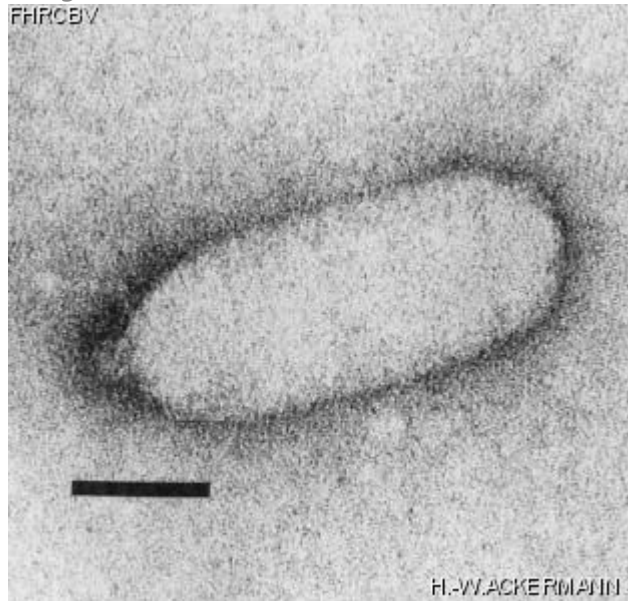


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Plaques: 0.1 mm, clear. Virulent. No DNA homology with 1/M61-25, C2, 7-11, 13/a, Esc-7-11 G+C=37%</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>
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Propagation conditions

Bacterial hosts
1172

Reference
Kozloff, L.M., V. Chapman, and S. DeLong. 1981. Defective packaging of unusual DNA in a virulent *Erwinia* phage, Erh1. Progr. Clin. Biol. Res. 64:253-269.

Remarks
Held in the ATCC collection
Destroys the ice nucleating activity of its host before lysis
Many phage particles appear defective and infectious centers can be formed by complementation and multiple infection.

History

<i>History</i>	
Received from	Date
Lloyd M. Kozloff, Dean, Graduate division, University of California, S-140, San Fransisco, CA 94143, USA	03-11-1983
Isolated by	Date
L.M. Kozloff, Denver, CO, USA	

Source

Grass clippings

Updated at

2024-01-16