Phage HER 172

HER number
172

Identification

Name	*Morphotype*	*Other designations*	
Erh1	C3 (Podophage)		

Taxonomy

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

Images

Electron Micrograph Image

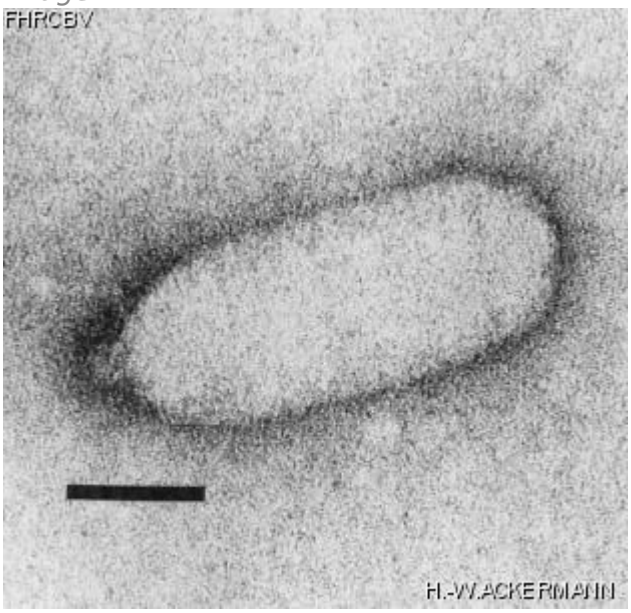

Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics

Plaques: 0.1 mm, clear.
Virulent.
No DNA homology with 1/M61-25, C2, 7-11, 13/a, Esc-7-11
G+C=37%

Genomic sequence

Deactivated

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

History

Received from

Lloyd M. Kozloff,
Dean, Graduate division,
University of California, S-140,
San Fransisco, CA 94143,
USA

Date

03-11-1983

Isolated by

L.M. Kozloff,
Denver, CO,
USA

Date

Source Grass clippings
Updated at 2024-01-16