

HER number 200

Identification

Name	Morphotype	Other designations	
200	C1 (Podophage)	phiPLS27	

Taxonomy

Realm	Kingdom	Phylum	Class
Duplodnaviria	Heunggongvirae	<u>Uroviricota</u>	Caudoviricetes
Order	Family	Genus	Species
Autographivirales	Autotranscriptaviridae	Teseptimavirus	

Images

Electron Micrograph

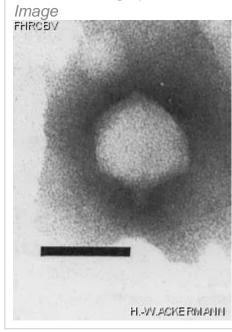


Image description

Magnification: 297,000X

Bar: 50 nm Staining: PT

Characteristics

Plaques: 2-3 mm, clear.

Morphogically identical with T7.

?LPS27 produces large plaques on AK1012 (HER1200), small plaques on AK44 (HER1199)

and does not plaque on PAO1.

In AK1012: latent period is 32 minutes, rise 22

minutes, and burst size is 10.

The phage adsorbs poorly to AK1012, better to AK44.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1199

Reference

Jarrell, K., and A.M.B. Kropinski. 1981. Isolation and characterization of a bacteriophage specific for the lipopolysaccharide of rough derivatives of *Pseudomonas aeruginosa* strain PAO. J. Virol. 38:529-538.

Remarks

History

History

Received from

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Received from

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Date

08-31-1983

Date

Date

summer 1978

Source

Sewage from Kingston sewage treatment plant

Updated at

2024-01-16