

HER number
200

Identification

Name
?PLS27

Morphotype
C1 (Podophage)

Order

Family
Autographiviridae

Species

Other designations
phiPLS27

Taxonomy

Class

Realm

Kingdom

Images

Electron Micrograph

Image

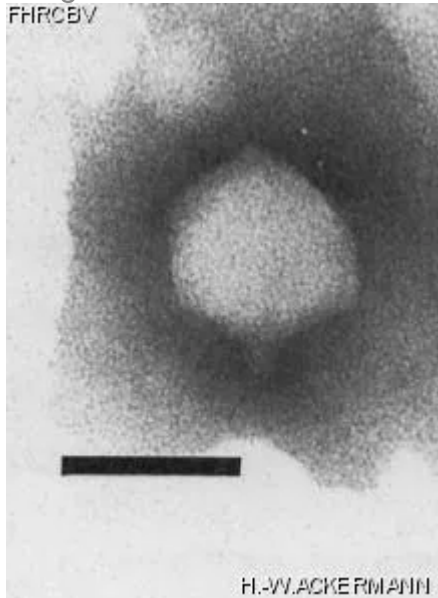


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

<p><i>Characteristics</i></p> <p>Plaques: 2-3 mm, clear. Morphologically 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.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>
<p>Propagation conditions</p>	
<p><i>Bacterial hosts</i></p> <p>1199</p>	
<p><i>Reference</i></p> <p>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.</p>	
<p><i>Remarks</i></p>	
<p>History</p>	

History

Received from

Ken Jarrell
Department of Microbiology
Queen's University,
Kingston, Ontario,
Canada

Date

Received from

John Kuzio
Department of Microbiology
Queen's University,
Kingston, Ontario,
Canada

Date

31-08-1983

Isolated by

Ken Jarrell
Department of Microbiology
Queen's University,
Kingston, Ontario,
Canada

Date

summer 1978

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