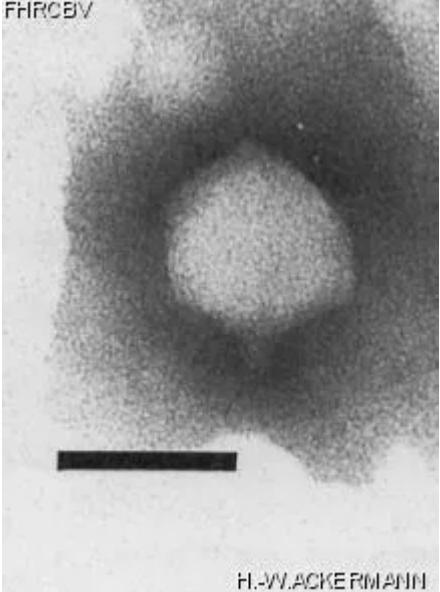


<i>HER number</i> 200			
<b>Identification</b>			
<i>Name</i> 200	<i>Morphotype</i> C1 (Podophage)	<i>Other designations</i> phiPLS27	
<b>Taxonomy</b>			
<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <u><i>Uroviricota</i></u>	<i>Class</i> <i>Caudoviricetes</i>
<i>Order</i> <i>Autographivirales</i>	<i>Family</i> <i>Autotranscriptaviridae</i>	<i>Genus</i> <i>Teseptimavirus</i>	<i>Species</i>
<b>Images</b>			
<i>Electron Micrograph</i> 	<i>Image description</i> Magnification: 297,000X Bar: 50 nm Staining: PT		

<p><i>Characteristics</i></p> <p>Plaques: 2-3 mm, clear.</p> <p>Morphologically identical with T7.</p> <p>?LPS27 produces large plaques on AK1012 (HER1200), small plaques on AK44 (HER1199) and does not plaque on PAO1.</p> <p>In AK1012: latent period is 32 minutes, rise 22 minutes, and burst size is 10.</p> <p>The phage adsorbs poorly to AK1012, better to AK44.</p>	<p><i>Genomic sequence</i></p> <p>Deactivated</p>
<p><b>Propagation conditions</b></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 <i>*Pseudomonas aeruginosa*</i> strain PAO. <i>J. Virol.</i> 38:529-538.</p>	
<p><i>Remarks</i></p>	
<p><b>History</b></p>	

*History*

**Received from**

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

**Date**

08-31-1983

**Received from**

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

**Date**

**Isolated by**

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

**Date**

summer 1978

*Source*

Sewage from Kingston sewage treatment plant

*Updated at*

2024-01-16