

*HER number*  
200

## Identification

<i>Name</i> 200	<i>Morphotype</i> C1 (Podophage)	<i>Other designations</i> phiPLS27
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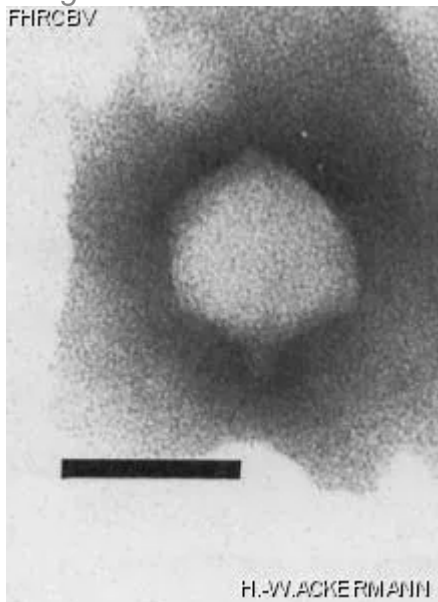
## Taxonomy

<i>Realm</i> <i>Duplodnaviria</i>	<i>Kingdom</i> <i>Heunggongvirae</i>	<i>Phylum</i> <a href="#"><i>Uroviricota</i></a>	<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>

## Images

*Electron Micrograph*

*Image*  
FHRCEV



*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><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. J. Virol. 38:529-538.</p>	
<p><i>Remarks</i></p>	
<p><b>History</b></p>	

*History*

**Received from**

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**Date**

08-31-1983

**Received from**

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**Date**

**Isolated by**

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Queen's University,  
Kingston, Ontario,  
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**Date**

summer 1978

*Source*

Sewage from Kingston sewage treatment plant

*Updated at*

2024-01-16