

*HER number*  
200

## Identification

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

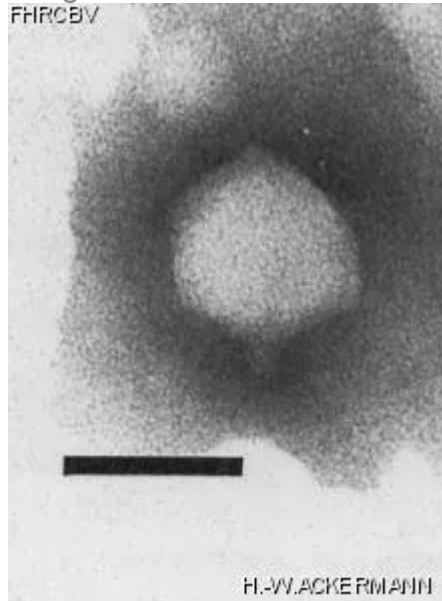
<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> <i>Autographiviridae</i>	<i>Genus</i> <i>Teseptimavirus</i>	<i>Species</i>

## Images

*Electron Micrograph*

*Image*

FHRCBV



*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*

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**Date**

**Received from**

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**Date**

31-08-1983

**Isolated by**

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**Date**

summer 1978

*Source*

Sewage from Kingston sewage treatment plant

*Updated at*

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