

Numéro HER
200

Identification

| | | | |
|---------------|------------------------------|---------------------------------|--|
| Nom φPLS27 | Morphotype C1 (Podophage) | Autres désignations phiPLS27 | |
|---------------|------------------------------|---------------------------------|--|

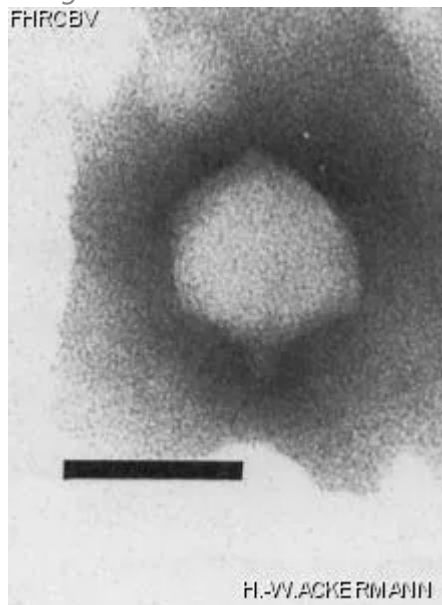
Taxonomie

| | | | |
|-----------------------------------|--|--|---------------------------------|
| Domaine <i>Duplodnaviria</i> | Règne <i>Heunggongvirae</i> | Embranchement Uroviricota | Classe <i>Caudoviricetes</i> |
| Ordre <i>Autographivirales</i> | Famille <i>Autotranscriptaviridae</i> | Genre <i>Teseptimavirus</i> | Espèce |

Images

Photo en microscopie électronique

Image
FHRCEV



Description de l'image

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Caractéristique

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.

Séquence génomique

Désactivé

Conditions de propagation

Hôtes bactériens

1199

Référence

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.

Remarque

Historique

Historique

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,
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Date

Isolated by

Ken Jarrell
Department of Microbiology
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Date

summer 1978

Source

Sewage from Kingston sewage treatment plant

Dernière mise à jour

2024-01-16