Phage HER 219

HER number
219

Identification

Name	*Morphotype*	*Other designations*	
J	C1 (Podophage)		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph Image

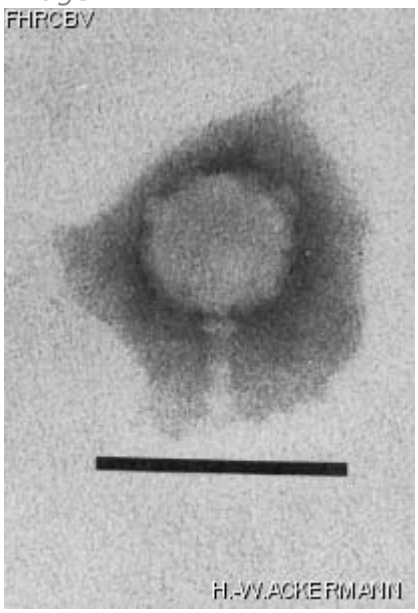


Image description
Magnification: 594,000X
Bar: 50 nm
Staining: PT

Characteristics

Plaques: <0.1 mm, veiled.
Mini T3-like phage adsorbing to IncJ plasmid coded pili and some IncC and IncD pili.
Apparently the smallest podovirus in existence.
Forms extremely faint plaques which are best seen on plates that have stood at room temperature after overnight incubation.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1219

Reference

Bradley, D.E., F.A. Sirgel, J.N. Coetzee, and R.W. Hedges. 1982. Phage C-2 and J: IncC and IncJ plasmid-dependant phages. J. Gen. Microbiol. 128:2485-2498.

Remarks

History

History

Received from
J. Schell-M. van Montagu,
Laboratorium voor Genetika,
Ledeganckstraat 35,
B-9000 Gent,
Belgium.

Date
11-02-1984

Received from
J.N. Coetzee,
Institute for Pathology,
P.O. Box 2034,
Pretoria 0001,
South Africa.

Date

Isolated by
J.N. Coetzee,
Institute for Pathology,
P.O. Box 2034,
Pretoria 0001,
South Africa.

Date
1981

Source
Sewage

Updated at
2024-01-17