Phage HER 221

HER number
221

Identification

Name	*Morphotype*	*Other designations*	
PR772	D4		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Varidnaviria	*Bamfordvirae*	*Preplasmiviricota*	*Tectiliviricetes*
Order	*Family*	*Genus*	*Species*
Kalamavirales	*Tectiviridae*	*Alphatectivirus*	*Alphatectivirus PRD1*

Images

Electron Micrograph Image

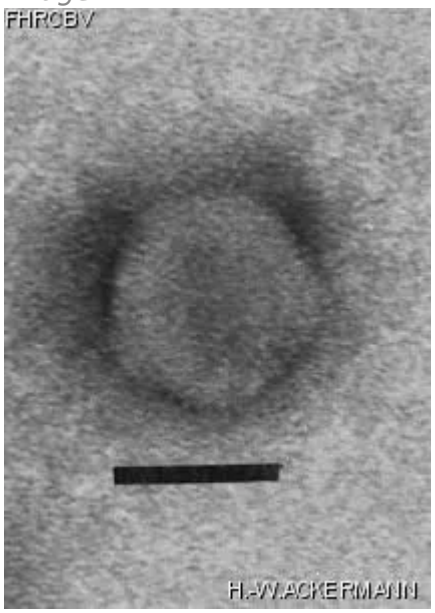


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

Characteristics

Plaques: 0.1 mm, clear.
PR4-like phage.
Sensitive to organic solvants.
Adsorbs to tips of pili coded by IncP-1 (N and W plasmids).

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1221

Reference

Coetzee, J.N., G. Lecatsas, W.F. Coetzee, and R.W. Hedges. 1979. Properties of R plasmid R772 and the corresponding pilus-specific phage PR772. J. Gen. Microbiol. 110:263-273.

Coetzee, W.F., and P.J. Bekker. 1979. Pilus-specific, lipid-containing bacteriophages PR4 and PR772: comparison of physical characteristics of genomes. J. Gen. Microbiol. 45:195-200.

Remarks

Also held at NBRC (NITE Biological Resource Center)
http://www.nbrc.nite.go.jp/NBRC2/NBRCCatalogueDetailServlet?ID=NBRC&CAT=00105897

History

History

Received from	**Date**
J. Schell-M. van Montagu, Laboratorium voor Genetika, Ledeganckstraat 35, B-9000 Gent, Belgium.	10-17-1983
Received from	**Date**
J.N. Coetzee, Institute for Pathology, P.O. Box 2034, Pretoria 0001, South Africa.	

Source

Sewage

Updated at

2024-01-17