

HER number

221

## Identification

Name  
PR772

Morphotype  
D4

Other designations

## Taxonomy

Realm  
Varidnaviria

Kingdom  
Bamfordvirae

Phylum  
[Preplasmiviricota](#)

Class  
Tectiliviricetes

Order  
Kalamavirales

Family  
Tectiviridae

Genus  
Alphatectivirus

Species  
Alphatectivirus PRD1

## Images

Electron Micrograph

Image

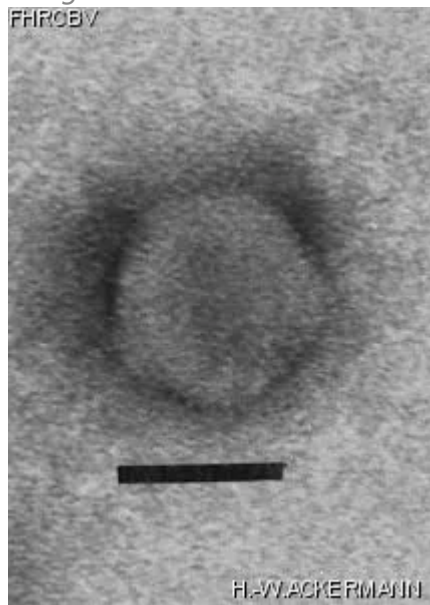


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

### *Characteristics*

Plaques: 0.1 mm, clear.  
PR4-like phage.  
Sensitive to organic solvents.  
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**

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

**Date**

10-17-1983

**Received from**

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

**Date**

*Source*

Sewage

*Updated at*

2024-01-17