

*HER number*

315

## Identification

*Name*

ω8

*Morphotype*

C1 (Podophage)

*Other designations*

O8

## Taxonomy

*Realm*

*Kingdom*

*Phylum*

*Class*

*Order*

*Family*

?1

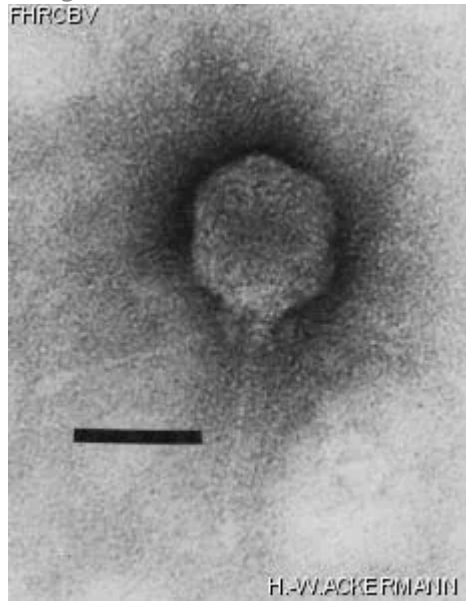
*Genus*

*Species*

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: UAB

*Characteristics*

Clear plaques between 1.0-1.5mm

*Genomic sequence*

Deactivated

## Propagation conditions

### *Bacterial hosts*

1315

### *Reference*

Jann, K., G. Schmidt, B. Wallenfels, E. Freund-Molbert. 1971. Isolation and characterization of \*Escherichia coli\* bacteriophage omega-8 specific for \*E. coli\* strains belonging to sero-group O 8. J. Gen. Microbiol. 67(3):289-297.

### *Remarks*

Specific for uncapsulated \*E.coli\* O 8 strains.

Has endo-o-mannosidase, hydrolyzing the O 8 antigen (on tail fiber and free in lysate).

## History

### *History*

#### **Received from**

Dr Klaus Jann  
Max-Planck-Institut für Immunbiologie  
Stübeweg 51, Postfach 1169  
D-7800 Freiburg-Zähringen  
Germany

#### **Date**

15-04-1988

#### **Isolated by**

Dr Klaus Jann

#### **Date**

1970

### *Source*

Sewage

### *Updated at*

2024-01-19