Phage HER 315

HER number
315

Identification

Name	*Morphotype*	*Other designations*	
ω8	C1 (Podophage)	O8	

Taxonomy

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

Images

Electron Micrograph
Image

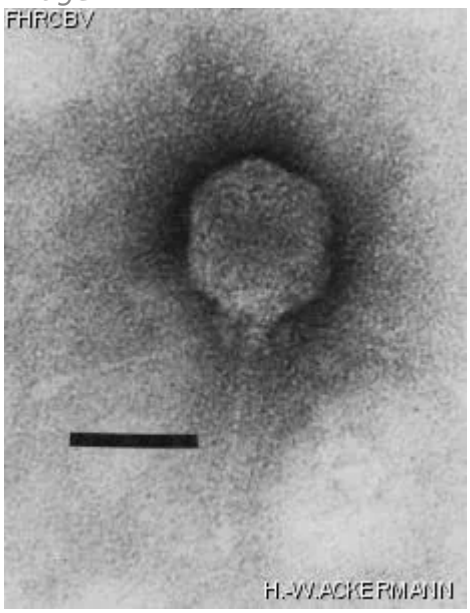


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

Characteristics

Clear plaques between 1.0-1.5 mm

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
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Germany

Date

04-15-1988

Isolated by

Dr Klaus Jann

Date

1970

Source

Sewage

Updated at

2024-01-19