Phage HER 249

HER number
249

Identification

Name	*Morphotype*	*Other designations*	
ϕYeO3-12	C1 (Podophage)		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*
Autographivirales	*Autotranscriptaviridae*	*Teetrevirus*	*Teetrevirus YeO312*

Images

Electron Micrograph Image

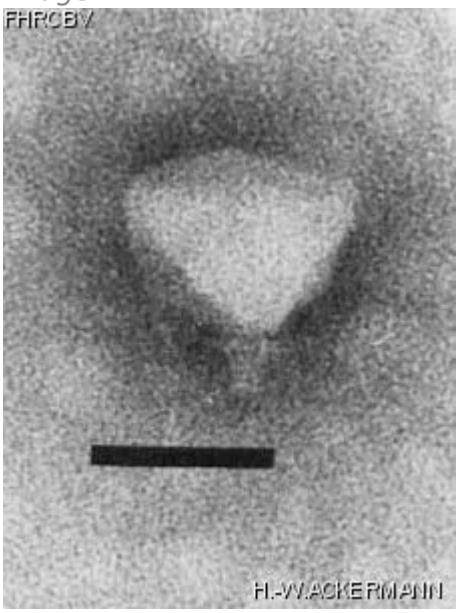


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: PT

Characteristics

Plaques: 2-5 mm, clear.
Highly specific for serotypes O:1, O:2, O:3.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1249

Reference

Al-Hendy, A., P. Toivanen, and M. Skurnik. 1991. Expression cloning of *Yersinia enterolitica* O:3 rfb gene cluster in *Escerichia coli* K12. Microbial Pathogenesis 10: 47-59.
Pajunen, M.I., S.J. Kiljunen, M.E.-L. Séderholm, and M. Skurnik. 2001. Complete genomic sequence of the lytic bacteriophage Î¦YeO3-12. J. Bacteriol. 183:1928-1937.

Remarks

For phage propagation, use TSB and incubate at 25°C with agitation.

For phage titration, use TSA and incubate at 37°C.

History

History

Received from

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Date

09-10-1998

Isolated by

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Date

1988

Source Sewage
Updated at 2024-01-17