

HER number

249

Identification

Name

φYeO3-12

Morphotype

C1 (Podophage)

Other designations

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Autographivirales

Family

Autotranscriptaviridae

Genus

Teetrevirus

Species

Teetrevirus YeO312

Images

Electron Micrograph

Image

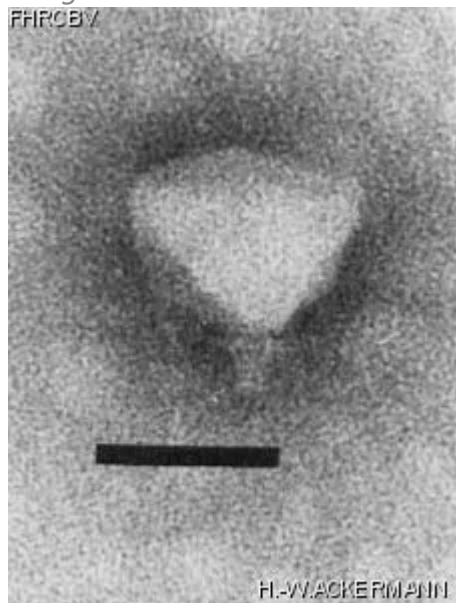


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

<p><i>Characteristics</i></p> <p>Plaques: 2-5 mm, clear. Highly specific for serotypes O:1, O:2, O:3.</p>	<p><i>Genomic sequence</i></p> <p>Activated</p>
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Propagation conditions

<p><i>Bacterial hosts</i></p> <p>1249</p>

<p><i>Reference</i></p> <p>Al-Hendy, A., P. Toivanen, and M. Skurnik. 1991. Expression cloning of *Yersinia enterocolitica* O:3 rfb gene cluster in *Escherichia coli* K12. Microbial Pathogenesis 10: 47-59.</p> <p>Pajunen, M.I., S.J. Kiljunen, M.E.-L. Séderholm, and M. Skurnik. 2001. Complete genomic sequence of the lytic bacteriophage ϕYeO3-12. J. Bacteriol. 183:1928-1937.</p>

<p><i>Remarks</i></p>

History

<i>History</i>	
<p>Received from</p> <p>Maria Pajunen Department of Medical Biochemistry, University of Turku, Kiinamyllylinkatu 10, F-20310, Turku, Finland</p>	<p>Date</p> <p>09-10-1998</p>
<p>Isolated by</p> <p>Mikael Skurnik Department of Medical Biochemistry University of Turku, Turku, Finland</p>	<p>Date</p> <p>1988</p>

<p><i>Source</i></p> <p>Sewage</p>

Updated at
2024-01-17