

*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

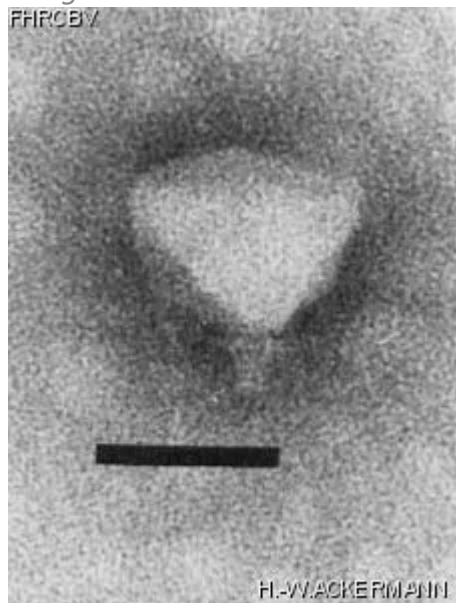
*Species*

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>
---	---

## 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 <math>\phi</math>YeO3-12. J. Bacteriol. 183:1928-1937.</p>
---

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

## History

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

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

*Updated at*  
2024-01-17