

HER number

153

Identification

Name
 φKZ

Morphotype
 A1 (Myophage)

Other designations

Taxonomy

Realm
 Duplodnaviria

Kingdom
 Heunggongvirae

Phylum
[Uroviricota](#)

Class
 Caudoviricetes

Order

Family
 Chimalliviridae

Genus
 Phikzvirus

Species
 Phikzvirus phiKZ

Images

Electron Micrograph

Image



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

<p><i>Characteristics</i></p> <p>Plaques: <0.1mm, veiled. Stable in broth over 4-5 years. Head contains inner protein cylinder. Virulent, contaminates easily other cultures. Very large genome (280.4 kbp, 483 ORFs). http://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=169683</p>	<p><i>Genomic sequence</i></p> <p>Activated</p>
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Propagation conditions

<p><i>Bacterial hosts</i></p> <p>1153</p>

<p><i>Reference</i></p> <p>Krylov, V. N., T. A. Smirnova, B. A. Rebentish, and I. B. Minenkova. 1978. The structure of Î;KZ bacteriophage particle. Vop. Virusol. pp. 568-571.</p>
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<p><i>Remarks</i></p>

History

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<p>Received from</p> <p>Prof. V. N. Krylov, Institute for genetics and selection of industrial microorganisms, P.O. Box 825, Moscow, 113545, Russia.</p>	<p>Date</p> <p>12-17-1982</p>
<p>Isolated by</p> <p>Krylov, V. N. and I. Zhazykov From:</p>	<p>Date</p> <p>1973</p>

<p><i>Source</i></p> <p>Sewage, Russia.</p>

Updated at
2024-01-16