Phage HER 153

HER number
153

Identification

Name	*Morphotype*	*Other designations*	
ϕKZ	A1 (Myophage)		

Taxonomy

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

Images

Electron Micrograph Image

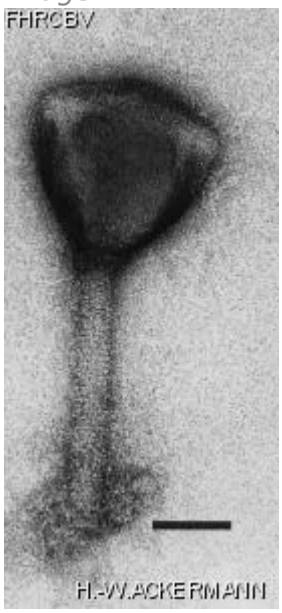


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics

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

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1153

Reference

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.

Remarks

History

History

Received from

Prof. V. N. Krylov,
Institute for genetics and selection of industrial microorganisms,
P.O. Box 825,
Moscow, 113545,
Russia.

Date

12-17-1982

Isolated by

Krylov, V. N. and I. Zhazykov From:

Date

1973

Source

Sewage, Russia.

Updated at
2024-01-16