Phage HER 141

HER number
141

Identification

Name	*Morphotype*	*Other designations*	
MP13	A1 (Myophage)		

Taxonomy

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

Images

Electron Micrograph Image

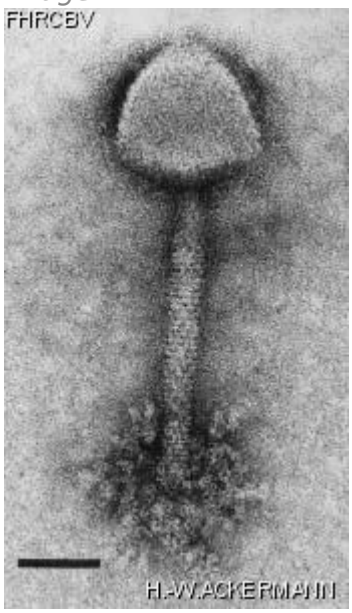


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

Characteristics

Plaques: 0.5mm, clear-turbid, halo, ring.
Inactivated after 8 years in broth at -70oC.
Sensitive to chloroform.
Generalized transducing phage (lytic) for QM B1551.
Estimate of molecular weight (restriction fragments: 97x10^6 dalton. 20% of thymine replaced by some form of substitued HMU.
Dimensions in nm (Ackermann unpubl.):
UA head 93 tail 199 x 21
PT head 93 tail 199 x 15

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1141

Reference

Vary, P. S. 1979. BBRC 88:1119-1124.

Remarks

To be deposited (1982) in:
Bacillus Genetic Stock Center,
Ohio State University,
Columbus, OH, 43210
Vary: mid-log cells, MOI = 1, shake at 22 rpm for 2-3 h.
Instructions for phage propagation are available upon request.

History

History

Received from

Dr Patricia S. Vary,
Department of biological Sciences,
Northern Illinois University,
DeKalb, Illinois, 60115,
USA.

Date

09-01-1982

Isolated by

Dr Patricia S. Vary

Date

02-1977

Source

Soil, Chicago, Illinois, USA 2-1977.

Updated at

2024-01-16