Phage HER 285

HER number
285

Identification

Name	*Morphotype*	*Other designations*	
ϕC31	B1 (Siphophage)	phiC31, phi C31	

Taxonomy

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

Images

Electron Micrograph Image



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

Characteristics

HER 1042 is lysogen for ΦC31.
Clear plaques from 1 to 3 mm.
Head 53 nm, tail length 100 nm.
Use spore suspension as host.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1285

Reference

Lomovskaya, N.D., N.M. Mkrtumian, N.L. Gostimskaya, and V.N. Danilenko. 1972. Characterization of temperate actinophage ΦC31 isolated from Streptomyces coelicolor. J. Virol. 9: 258-262.

Remarks

Very fragile.

History

History

Received from
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Norwich Research Park
Colney, Norwich NR4 7UH

Date

Received from
Dr N.D. Lomovskaya
Institute of Genetics and Selection of Industrial Microorganisms
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Date

Received from
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Date
12-10-1998

Isolated by
N.D. Lomovskaya, Moscow

Date
1970?

Source
S. coelicolor A3(2)

Updated at
2024-01-19