

HER number
285

Identification

| | | |
|--------------------|--------------------------------------|--|
| <i>Name</i> 285 | <i>Morphotype</i> B1 (Siphophage) | <i>Other designations</i> phiC31, phi C31 |
|--------------------|--------------------------------------|--|

Taxonomy

| | | | |
|--------------|---------------------|--|----------------|
| <i>Realm</i> | <i>Kingdom</i> | <i>Phylum</i> | <i>Class</i> |
| <i>Order</i> | <i>Family</i> ?1 | <i>Genus</i> <i>Lomovskayavirus</i> | <i>Species</i> |

Images

Electron Micrograph

Image



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Characteristics

HER 1042 is lysogen for ϕ C31.
Clear plaques from 1 to 3 mm.
Head 53 nm, tail length 100 nm.

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 ÎC31 isolated from Streptomyces coelicolor. J. Virol. 9: 258-262.

Remarks

Very fragile.

History

History

| Received from | Date |
|---|------|
| Prof. Keith Chater John Innes Centre Norwich Research Park Colney, Norwich NR4 7UH | |

| Received from | Date |
|--|------|
| Dr N.D. Lomovskaya Institute of Genetics and Selection of Industrial Microorganisms Moscow 113544, Russia | |

| Received from | Date |
|--|------------|
| Chris Finnis and Dr Maggie Smith Department of Genetics Queen's Medical Centre University of Nottingham Nottingham NG7 2UH, UK pdxcf@pdn1.gene.nottingham.ac.uk | 12-10-1998 |

| Isolated by | Date |
|-------------------------|-------|
| N.D. Lomovskaya, Moscow | 1970? |

Source

S. coelicolor A3(2)

Updated at

2024-01-19