

*HER number*

285

## Identification

*Name*

φC31

*Morphotype*

B1 (Siphophage)

*Other designations*

phiC31, phi C31

## Taxonomy

*Realm*

*Kingdom*

*Phylum*

*Class*

*Order*

*Family*

?1

*Genus*

*Lomovskayavirus*

*Species*

## Images

*Electron Micrograph*

*Image*



*Image description*

Magnification: 297,000X

Bar: 50 nm

Staining: PT

*Characteristics*

HER 1042 is lysogen for  $\lambda$ 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  $\lambda$ C31 isolated from *Streptomyces coelicolor*. J. Virol. 9: 258-262.

*Remarks*

Very fragile.

**History**

*History*

**Received from**

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**Date**

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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