

HER number

47

Identification

Name

αc3

Morphotype

B1 (Siphophage)

Other designations

alpha c3

Taxonomy

Realm

Duplodnaviria

Kingdom

Heunggongvirae

Phylum

[Uroviricota](#)

Class

Caudoviricetes

Order

Family

Genus

Species

Images

Electron Micrograph

Image description

Characteristics

Plaques: 0.5- 2.5mm, clear, tiny and large resistant colonies, halo of 1.5 - 3mm after 3 days.

Need MgSO₄.

Collar fibers, no contractile sheath as claimed.

Variable plaque size.

Temperate.

Clear plaque mutant of ?, named ?c in Chiozzotto A. *et al.* Sci. Rep. Ist. Super. Sanita, 1:112-126.

Designation c3 may be from Taylor.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1047

Reference

Chizzotto, A., A. Coppo, P. Donini, and F. Graziosi. 1960. The icosahedral form of a temperate phage of *Bacillus megaterium**. In Proc. Eur. Reg. Conf. Electron. Microsc., Eds. Houwink, A. L. and B. J. Spitt. Delft 1960, vol. 2, 1012-1015. De Nederlandse vereniging voor Electronenmicroscopie. Delft 1960.

Remarks

Complete protocol for ϕ c3 propagation available on demand.

History

History

Received from

Dr Taylor,
Pennsylvania State University,
College of Science,
Department of Biophysics,
618 Life Sciences Building,
University Park, Pa 16802, USA.

Date

7-25-75

Isolated by

P. Donini,
Institute of microbiology,
University of Rome, Italy.

Date

1959 ?

Source

Updated at

2024-01-15