

HER number
47

Identification

<i>Name</i> 47	<i>Morphotype</i> B1 (Siphophage)	<i>Other designations</i> alpha c3
-------------------	--------------------------------------	---------------------------------------

Taxonomy

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

Images

<i>Electron Micrograph</i>	<i>Image description</i>
----------------------------	--------------------------

<p><i>Characteristics</i> 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.</p>	<p><i>Genomic sequence</i> Deactivated</p>
--	--

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. Spit. 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

Isolated by

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

Date

1959 ?

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

Source

Updated at

2024-01-15