

HER number
47

Identification

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

<i>Realm</i> Duplodnaviria	<i>Kingdom</i> Heunggongvirae	<i>Phylum</i> Uroviricota	<i>Class</i> Caudoviricetes
<i>Order</i>	<i>Family</i>	<i>Genus</i>	<i>Species</i>

Images

<i>Electron Micrograph</i>	<i>Image description</i>
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<p><i>Characteristics</i></p> <p>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>
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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

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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