

HER number

304

Identification

Name

U

Morphotype

C1 (Podophage)

Other designations

Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

?1

Genus

Species

Images

Electron Micrograph

Image description

Characteristics

Clear plaques of 1.0mm

Temperate phage

General transducer

Helper prophage for phage kappa (?)

(alternatively or in addition to ?)

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1304

Reference

Kaplan, R.W. et al. 1969 Mol. Gen. Genet. 104:27-39.

Steiger, H. 1973. Mol. Gen. Genet. 122:345-352.

Steiger, H. et al. 1987. J. Basic Microbiol. 27:49-67.

Remarks

Prepare plate lysates by infecting with no more than 50,000 PFU/plate : titers so obtained should reach 10^{12} /mL because of high burst size.

History

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Isolated by

Dr R.W. Kaplan and Dr. M. Brendel
Institut für Mikrobiologie
Johann Wolfgang Goethe-Universität

Date

1969

Received from

Dr H. Steiger
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Date

21-12-1987

Source

Serratia marcescens HY (HER 1302)

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