

HER number
311

Identification

Name 311	Morphotype B1 (Siphophage)	Other designations
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Taxonomy

Realm	Kingdom	Phylum	Class
Order	Family ?1	Genus	Species

Images

Electron Micrograph

Image
FHRCEV



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

Characteristics
Clear plaques of 0.5mm

Genomic sequence
Deactivated

Propagation conditions

Bacterial hosts

1311

Reference

Pons, F.W. 1966. Biochem. Z. 346:26-40. (En allemand/In deutsch)

Remarks

May be a virulent mutant of ?(HER313).

Uses the same receptor as ?, forms large, clear plaques containing a few bacterial colonies which are resistant to ? and ?.

Pre-adsorption to indicator bacteria is not required for adsorption.

Plates inoculated with 10^9 bacteria and 15 000 PFU yield 5×10^{12} phages (extraction with 5mL saline).

History

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Received from

Dr F.W. Pons
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Johann Wolfgang Goethe-Universität
Theodor-Stern-Kai 7, Haus 75A
D-6000 Frankfurt am Main, Germany

Date

03-03-1988

Isolated by

Dr F.W. Pons

Date

1975

Source

Appeared on an indicator plate seeded with *S. marcescens* CV (?, ?)

Updated at

2024-01-19