

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  $5 \times 10^{12}$  phages (extraction with 5mL saline).

## History

### *History*

#### **Received from**

Dr F.W. Pons  
Institut für Mikrobiologie  
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