Phage HER 311

HER number
311

Identification

Name	*Morphotype*	*Other designations*	
π (pi)	B1 (Siphophage)		

Taxonomy

Realm	*Kingdom*	*Phylum*	*Class*
Duplodnaviria	*Heunggongvirae*	*Uroviricota*	*Caudoviricetes*
Order	*Family*	*Genus*	*Species*

Images

Electron Micrograph Image

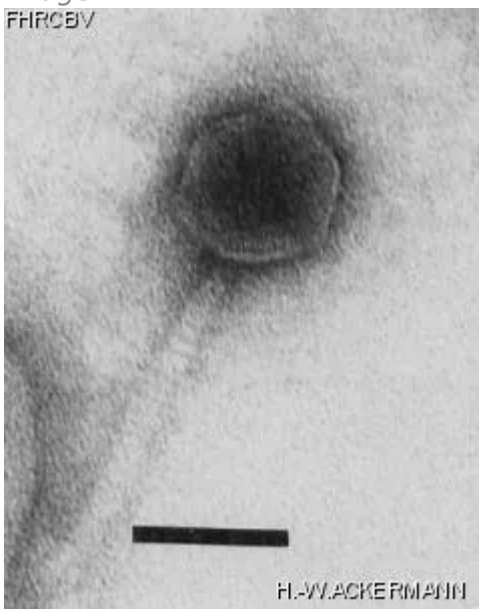


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics	*Genomic sequence*
Clear plaques of 0.5 mm	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 ? (eta) (HER313).
Uses the same receptor as ?, forms large, clear plaques containing a few bacterial colonies which are resistant to ? and ? (eta).
Pre-adsorption to indicator bacteria is not required for adsorption.
Plates inoculated with 10^9 bacteria and 15 000 PFU yield 5x10^12 phages (extraction with 5mL saline).

History

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Received from	**Date**
Dr F.W. Pons Institut für Mikrobiologie Johann Wolfgang Goethe-Universitat Theodor-Stern-Kai 7, Haus 75A D-6000 Frankfurt am Main, Germany	03-03-1988

Isolated by	**Date**
Dr F.W. Pons	1975

Source
Appeared on an indicator plate seeded with *S. marcescens* CV (η, Σ)

Updated at
2024-01-19