Phage HER 312

HER number
312

Identification

Name	*Morphotype*	*Other designations*	
Σ (sigma)	B1 (Siphophage)		

Taxonomy

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

Images

Electron Micrograph Image

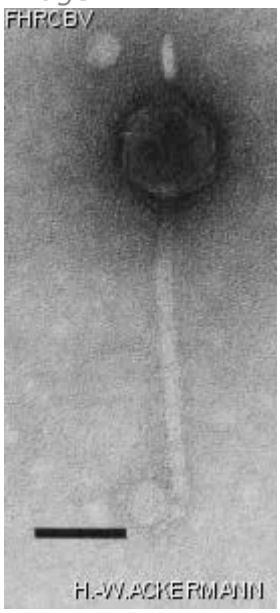


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UA

Characteristics

Clear plaques of 0.5 mm
Buoyant density in CsCl = 1.515g/mL

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1311

Reference

Von Lohr, R. 1970. Z. Allg. Mikrobiol. 10:269-274. (En allemand/In deutsch)

Remarks

Adsorbs poorly, forms small, irregular, turbid plaques from which lysogens can be isolated.
Prophage is not UV-inducible.
Pre-adsorption to the indicator bacterium is recommended for plating.
Spontaneous clear-plaque mutants are very frequent (10^-4) and should be used for preparing high titer lysates.
The phage is able to multiply on *S. marcescens* CV(eta).

History

History

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
Received from	**Date**
Dr R.W. Kaplan Institut für Mikrobiologie Frankfurt, Germany	
Isolated by	**Date**
Dr R.W. Kaplan	1960

Source

Supernatant of an overnight culture of a lost strain : *S. marcescens* ES

Updated at

2024-01-19