Phage HER 154

HER number
154

Identification

Name	*Morphotype*	*Other designations*	
XP12	B2 (Siphophage)	Xp12, XP-12	

Taxonomy

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

Images

Electron Micrograph Image

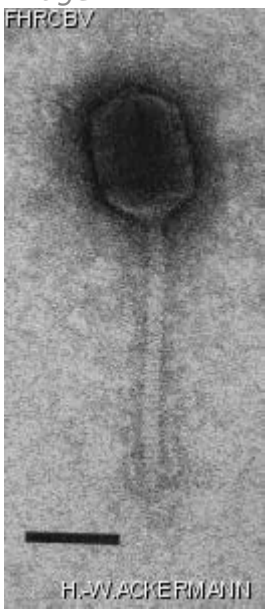


Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

Characteristics

Plaques: 2mm, clear.
Smaller plaques when cultivated without thymidine
Read after 24- 48 hrs.
Thymidine (5 mg/ml) needed in medium.
5-methylcytosine completely replaces cytosine.

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1154

Reference

Kuo, T. , T. Huang, and M. Teng. 1968. 5-methylcytosine replacing cytosine in the deoxyribonucleic acid of a bacteriophage for *Xanthomonas oryzae*. J. Mol. Biol. 34:373-375.

Remarks

Instructions for phage propagation and media composition are available upon request.
THIS PHAGE IS NOT AVAILABLE FOR THIS MOMENT

History

History

Received from

Dr Mélanie Ehrlich,
Department of Biochemistry,
Tulane University School of Medecine,
1430 Tulane Avenue,
New Orleans, LA, 70112,
USA.

Date

12-16-1982

Received from

Dr T. T. kuo,
Institute of Botany,
Academia Sinica,
Taiwan,
Republica of China.

Date

Isolated by

Kuo, Huang,
Wu and Cheng

Date

1968

Source

Water of a rice field, Taiwan

Updated at

2024-01-16