Phage HER 154

HER number
154

Identification

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

Taxonomy

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

Images

Electron Micrograph Image

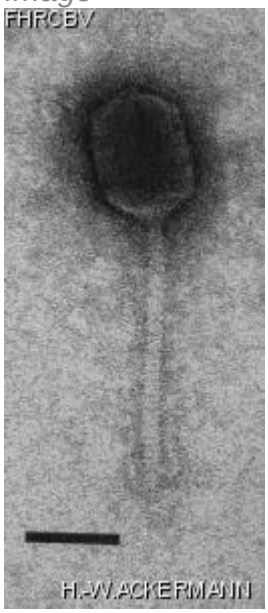

Image description
Magnification: 297,000X
Bar: 50 nm
Staining: UAB

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

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Received from	**Date**
Dr Mélanie Ehrlich, Department of Biochemistry, Tulane University School of Medecine, 1430 Tulane Avenue, New Orleans, LA, 70112, USA.	12-16-1982
Received from	**Date**
Dr T. T. kuo, Institute of Botany, Academia Sinica, Taiwan, Republica of China.	
Isolated by	**Date**
Kuo, Huang, Wu and Cheng	1968

Source
Water of a rice field, Taiwan

Updated at
2024-01-16