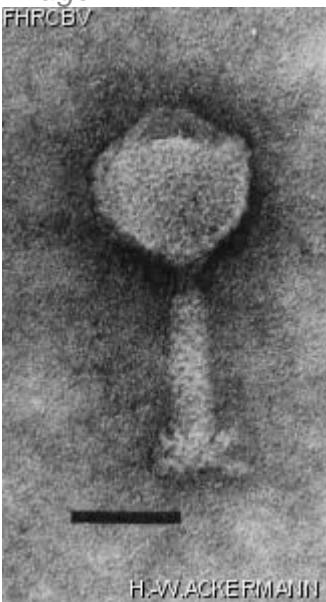


<p><i>HER number</i> 52</p>			
<h2>Identification</h2>			
<i>Name</i> 52	<i>Morphotype</i> A1 (Myophage)	<i>Other designations</i> Group II, II, ATCC14100-B1	
<h2>Taxonomy</h2>			
<i>Realm</i>	<i>Kingdom</i>	<i>Phylum</i>	<i>Class</i>
<i>Order</i>	<i>Family</i> ?1	<i>Genus</i>	<i>Species</i> II
<h2>Images</h2>			
<p><i>Electron Micrograph</i> <i>Image</i> FHRCBV</p>  <p>H.-W.ACKERMANN</p>	<p><i>Image description</i> Magnification: 297,000X Bar: 50 nm Staining: UA</p>		
<p><i>Characteristics</i> Plaques: 0.5- 1mm, clear. Typing phage No. 2 of set of Mukerjee *et al*. Typing phage No. 2 of set of Lee and Furniss.</p>	<p><i>Genomic sequence</i> Deactivated</p>		

Propagation conditions

Bacterial hosts

1051

Reference

- Mukerjee, D., D. K. Guha, and U. K. Guha Roy. 1957. Studies on typing of cholera by bacteriophage. Part I. Phage typing of **Vibrio cholerae** from Calcutta epidemics. Annals of Biochemistry and Experimental Medicine 17:161-176.
- Chanda PK, Ghosh NC. 1978. Characteristics of a cholera phage. Arch Microbiol 119:303-304.
- Balganesh M, Das J. 1979. Transfection of **Vibrio cholerae** by bacteriophage λ 149 DNA. Biochem Biophys Res Commun 90:726-733.
- Ackermann H-W, Furniss AL, Kasatiya SS, Lee JV, Mbiguino A, Newman FS, Takeya K, Vieu J-F. 1983. Morphology of **Vibrio cholerae** typing phages. Ann Virol (Inst. Pasteur) 134E:387-404.
- Ackermann H-W, Kasatiya SS, Kawata T, Koga T, Lee JV, Mbiguino A, Newman FS, Vieu J-F, Zachary A. 1984. Classification of **Vibrio** bacteriophages. Intervirology 22:61-71.
- Chatterjee SN, Maiti M. 1984. Vibriophages and vibriocins: physical, chemical and biological properties. Adv Virus Res 29:263-312.
- Das J, Chatterjee SN. 1966. Electron microscopy of cholera bacteriophages. Proc 6th Internat Electron Microsc (Kyoto 1966), Vol 2, 139-140, ed Uyeda R. Maruzen Co., Tokyo.
- Degtyarev BM, Milyutin VN, Arutyunov Yul, Mikhailov AM, Tokarev SA. 1977. Electron microscopic examination of the structure of cholera bacteriophage of serotype II (Russian). Vop Virusol 22:237-241.
- Chanda PK, Ghosh NC. 1978. Characteristics of a cholera phage. Arch Microbiol 119:303-304.
- Bystryi NF, Drozhevskina MS. 1979. Basic criteria and classification scheme for bacteriophages acting against cholera vibrios of the classical and El Tor biotypes (Russian). Zh Hyg Epidemiol Mikrobiol Immunobiol 23(1):85-94.
- Chatterjee SN, Das J, Barua D. 1985. Electron microscopy of cholera phages. Indian J Med Res 53:934-937.

Remarks

Not available from the Félix d'Herelle reference center for bacterial viruses, please contact ATCC for the distribution of this phage.

History

History

Received from

S. Mukerjee,
Indian Institute for biochemistry and experimental
medicine,
Calcutta;
WHO, International Reference Center for *Vibrio* Phage
Typing, Calcutta, India.

Date

Received from

ATCC

Date

11-1979

Source

Stool of cholera patient. Calcutta, India

Updated at

2024-01-15