

HER number

419

Identification

Name

φ8

Morphotype

E2

Other designations

phi8, phi-8

Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

Cystoviridae

Genus

Cystovirus

Species

Cystovirus phi8

Images

Electron Micrograph

Image

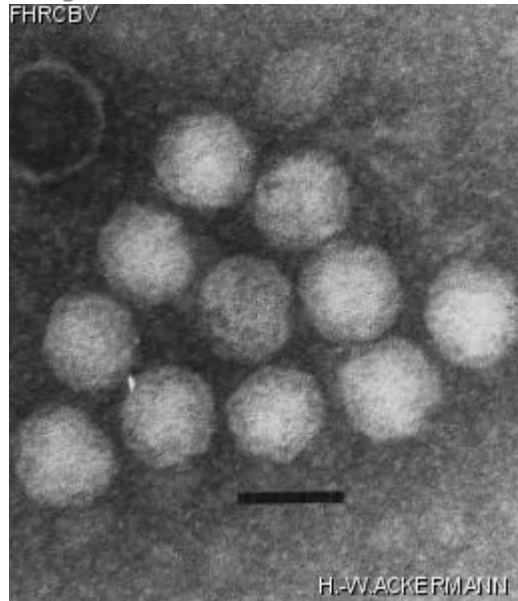


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PT

Characteristics

Plaques: 1 mm, clear.

Genomic sequence

Activated

Propagation conditions	
<i>Bacterial hosts</i> 1419	
<i>Reference</i> Mindich, L. and coll. 1999. Isolation of additional bacteriophages with genomes of segmented double-stranded RNA. J. Bacteriol. 181: 4505-4508.	
<i>Remarks</i> Lipid envelope, double-stranded DNA. Inactivated by chloroform or detergents. Grows poorly. Loss of 2 log in 1 month at 4°C. Kills host without propagation at high M.O.I. Forms plaques on heptose-less strains of *S. typhimurium*.	
History	
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Isolated by Xueying Quiao Mindich's Laboratory New York	Date 1998
Received from Dr L. Mindich Dept. of Microbiology Public Health Research Institute 455 First Avenue, New York, NY 10016	Date 26-08-2000
<i>Source</i> *Pisum sativum* (snow pea) leaves.	
<i>Updated at</i> 2024-01-22	