

HER number

240

Identification

Name
pilH α

Morphotype
E1

Other designations
H α

Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

Genus

Species

Images

Electron Micrograph

Image

FHRCEV

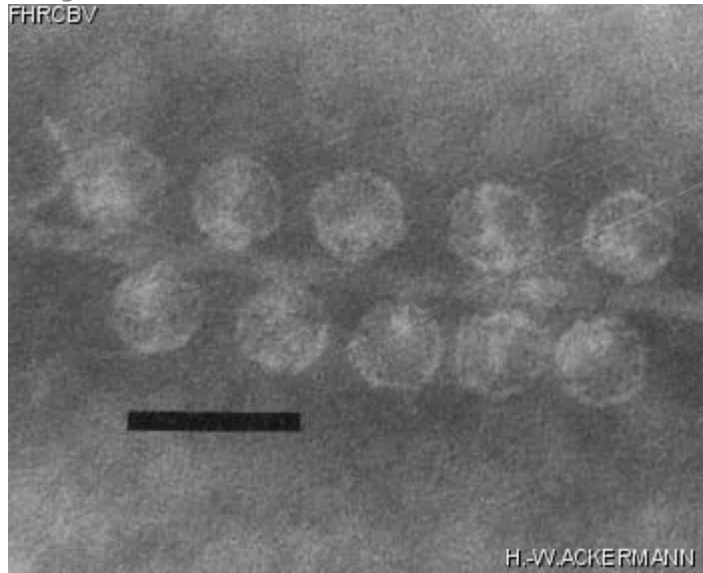


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: PTB

Characteristics

Veiled plaques, <0.1 to 1mm.
Adsorbs to IncHI and IncHII plasmid-coded pili.
Preparations are rich in broken pili with adsorbed phages.
Propagating strain : *E. coli* K12 containing R27::TnlacZ (resistant to kanamycin and tetracycline)

Genomic sequence

Deactivated

Propagation conditions

Bacterial hosts

1240

Reference

Coetzee, J.N., D.E. Bradley, J. Fleming, L. du Toit, V.M. Hughes, and R.W. Hedges. 1985. Phage pilH?: a phage which adsorbs to IncHI and IncHII plasmid-coded pili. J. Gen. Microbiol. 131:1115-1121.

Remarks

Propagates better below 30°C.

History

History

Received from

(replacement phage)
Dr Diane E. Taylor
University of Alberta
Department of Medical Microbiology and Infectious
diseases
Edmonton, Alberta, T6G 2H7

Date

01-07-1993

Received from

J.N. Coetzee
Institute for Pathology
P.O. Box 2034
Pretoria 0001
South Africa

Date

03-27-1987

Isolated by

J.N. Coetzee
Pretoria, South Africa

Date

early 1980's

Source

Sewage

Updated at

2024-01-17