

HER number

193

Identification

Name
KVP40

Morphotype
A2 (Myophage)

Other designations

Taxonomy

Realm
Duplodnaviria

Kingdom
Heunggongvirae

Phylum
[Uroviricota](#)

Class
Caudoviricetes

Order
Pantevenviraales

Family
Straboviridae

Genus
Schizotequatrovirus

Species
Schizotequatrovirus
KVP40

Images

Electron Micrograph

Image

FHRCEV



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

Characteristics

Plaques: 0.5 mm, clear.
Very elongated head,=nt1
Major capsid protein has 61.8% identity with that of T4.

Genomic sequence

Activated

Propagation conditions

Bacterial hosts

1193

Reference

Matsuzaki, S. et al. 1988. Virology 242:314-318.
Matsuzaki, S., S. Tanaka, T. Koga, T. Kawata. 1992. A broad-host-range vibriophage, KVP40, isolated from sea water. Microbiol. Immunol. 36:93-97.

Remarks

History

History

Received from

Dr. Shigenobu Matsuzaki
Department of Microbiology,
Kochi Medical School,
Oko-cho, Nankoku,
Kochi 783-8505,
Japan

Date

05-07-1998

Isolated by

S. Matsuzaki
Kochi Medical School,
Kochi,
Japan

Date

1991

Source

Highly polluted seawater, Urado Bay, Kochi

Updated at

2024-01-16