

HER number
77

Identification

| | | |
|------------|------------------------------|---------------------------|
| Name 77 | Morphotype C1 (Podophage) | Other designations N4+ |
|------------|------------------------------|---------------------------|

Taxonomy

| | | | |
|-------------------------------|----------------------------------|--|------------------------------------|
| Realm <i>Duplodnaviria</i> | Kingdom <i>Heunggongvirae</i> | Phylum <i>Uroviricota</i> | Class <i>Caudoviricetes</i> |
| Order | Family <i>Schitoviridae</i> | Genus <i>Enquatrovirus</i> | Species <i>Enquatrovirus N4</i> |

Images

Electron Micrograph

Image

HER77

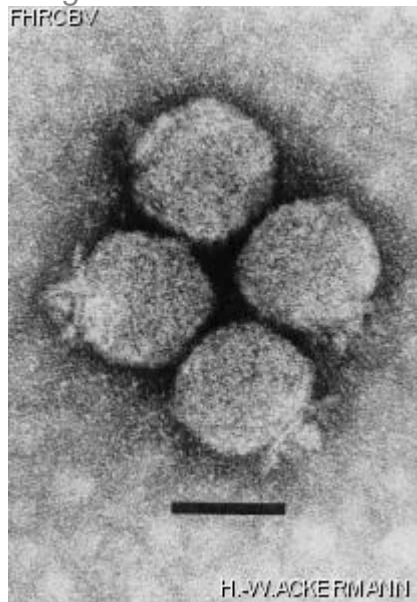


Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

| | | | | | | | |
|--|---|---|--------------------------------------|--|--------------------------------|---|--------------------------------|
| <p><i>Characteristics</i></p> <p>Plaques: 0.1mm, clear, no halo. Early transcription is carried out by virion-encapsulated RNA polymerase. Extensive collection of mutants available from Dr Rothman-Denes. 12 tail fibers originating at the neck.</p> | <p><i>Genomic sequence</i></p> <p>Activated</p> | | | | | | |
| <p>Propagation conditions</p> | | | | | | | |
| <p><i>Bacterial hosts</i></p> <p>1077</p> | | | | | | | |
| <p><i>Reference</i></p> <p>Molina, A. M., A. Pesce, and G. C. Shito. 1965. Un nuovo batteriofago attivo sul ceppo K12 di *E. coli*. I. Caratteristiche biologiche. Boll. Ist. Sieroter. Milan. 44:329-337.</p> | | | | | | | |
| <p><i>Remarks</i></p> <p>Also held at the DSMZ collection under DSM 112144.</p> | | | | | | | |
| <p>History</p> | | | | | | | |
| <p><i>History</i></p> <table> <tr> <td data-bbox="107 1068 1071 1335"> <p>Received from</p> <p>Prof. L. B. Rothman-Denes, Department of biophysics and theoretical biology, University of Chicago, 920 East 58th Street, Chicago, IL 60637, USA.</p> </td><td data-bbox="1099 1068 1266 1142"> <p>Date</p> <p>22-03-1982</p> </td></tr> <tr> <td data-bbox="107 1417 1071 1566"> <p>Received from</p> <p>Prof. G. C. Schito, Institut of microbiology, University of Parma, Italy.</p> </td><td data-bbox="1099 1417 1170 1488"> <p>Date</p> <p>1971</p> </td></tr> <tr> <td data-bbox="107 1648 1071 1757"> <p>Isolated by</p> <p>Prof. G. C. Schito, Genoa, Italy.</p> </td><td data-bbox="1099 1648 1170 1719"> <p>Date</p> <p>1965</p> </td></tr> </table> | | <p>Received from</p> <p>Prof. L. B. Rothman-Denes, Department of biophysics and theoretical biology, University of Chicago, 920 East 58th Street, Chicago, IL 60637, USA.</p> | <p>Date</p> <p>22-03-1982</p> | <p>Received from</p> <p>Prof. G. C. Schito, Institut of microbiology, University of Parma, Italy.</p> | <p>Date</p> <p>1971</p> | <p>Isolated by</p> <p>Prof. G. C. Schito, Genoa, Italy.</p> | <p>Date</p> <p>1965</p> |
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| <p><i>Source</i></p> <p>Sewage</p> | | | | | | | |

Updated at
2024-01-16