

HER number

361

## Identification

Name

P087

Morphotype

B1 (Siphophage)

Other designations

## Taxonomy

Realm

Kingdom

Phylum

Class

Order

Family

?1

Genus

Teubervirus

Species

Teubervirus P087

## Images

Electron Micrograph

Image



Image description

Magnification: 297,000X

Bar: 50 nm

Staining: UA

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------|-------------|------------|------------|----------------------------|--|----------------------------------|--|-----------------------------------------|--|--------------------|-------------|------------------|------|---------------------------|--|-------------------------------|--|----------------------|--|
| <p><i>Characteristics</i></p> <p>Lactococcal type phage.</p> <p>No DNA homology to other lactococcal type phages.</p> <p>Single long tail fiber.</p> <p>Clear lysis on GAM medium.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><i>Genomic sequence</i></p> <p>Activated</p> |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><b>Propagation conditions</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><i>Bacterial hosts</i></p> <p>1361</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><i>Reference</i></p> <p>Lembke, J., U. Krusch, A. Lompe, M. Teuber. 1980. Isolation and ultrastructure of bacteriophages of group N (lactic) streptococci. Zentralbl. Bakteriol. Mikrobiol. Hyg. Abt. I Orig. C. 1: 79-91</p>                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><i>Remarks</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><b>History</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><i>History</i></p> <table> <tr> <td><b>Received from</b></td><td><b>Date</b></td></tr> <tr> <td>Dr H. Neve</td><td>11-06-1990</td></tr> <tr> <td>Institut fér Mikrobiologie</td><td></td></tr> <tr> <td>Bundesanstalt fér Milchforschung</td><td></td></tr> <tr> <td>Postfach 60 69, D-2300 Kiel 14, Germany</td><td></td></tr> <tr> <td><b>Isolated by</b></td><td><b>Date</b></td></tr> <tr> <td>Dr Jurgen Lembke</td><td>1978</td></tr> <tr> <td>Institute of Microbiology</td><td></td></tr> <tr> <td>Federal Dairy Research Center</td><td></td></tr> <tr> <td>D-2300 Kiel, Germany</td><td></td></tr> </table> |                                                 | <b>Received from</b> | <b>Date</b> | Dr H. Neve | 11-06-1990 | Institut fér Mikrobiologie |  | Bundesanstalt fér Milchforschung |  | Postfach 60 69, D-2300 Kiel 14, Germany |  | <b>Isolated by</b> | <b>Date</b> | Dr Jurgen Lembke | 1978 | Institute of Microbiology |  | Federal Dairy Research Center |  | D-2300 Kiel, Germany |  |
| <b>Received from</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Date</b>                                     |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Dr H. Neve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11-06-1990                                      |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Institut fér Mikrobiologie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Bundesanstalt fér Milchforschung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Postfach 60 69, D-2300 Kiel 14, Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <b>Isolated by</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Date</b>                                     |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Dr Jurgen Lembke                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1978                                            |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Institute of Microbiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| Federal Dairy Research Center                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| D-2300 Kiel, Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |
| <p><i>Source</i></p> <p>Raw milk</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                      |             |            |            |                            |  |                                  |  |                                         |  |                    |             |                  |      |                           |  |                               |  |                      |  |

*Updated at*  
**2024-01-19**