

## Biosafety Clearing-House (BCH)

ORGANISM (ORGA)

BCH-ORGA-SCBD-111541-1

EN DE

LAST UPDATED: 30 JAN 2017

### Organism information

Scientific name

Enterobacteria phage T4

Taxonomic Classification

Order Caudovirales  
Family Myoviridae  
Genus T4likevirus  
Species Enterobacteria phage T4

Common name(s)

Bacteriophage T4

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Phage T4

EN

Coliphage T4

EN

BPT4

EN

### Additional classification

Group (virus)

group I, dsDNA viruses, no RNA stage

Type of organism

Viruses

### Characteristics related to biosafety

Centre(s) of genetic diversity

The specific time and place of T4 phage isolation remains unclear, though they were likely found in sewage or fecal material. T4 and similar phages were described in a paper by Thomas F. Anderson, Max Delbrück, and Milislav Demerec in November 1944.

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Habitat range

Enterobacteria phage T4 is a bacteriophage that infects Escherichia coli bacteria. The T4 phage is a member of the T-even phages, a group including enterobacteriophages T2 and T6. T4 is capable of undergoing only a lytic lifecycle and not the lysogenic lifecycle.

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Common use(s)

Research

### Additional Information

Other relevant website addresses and/or attached documents

? [Encyclopedia of Life: Enterobacteria phage T4](#) ( *English* )

? [Enterobacteria phage T4 - Wikipedia](#) ( *English* )

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## Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

### **Secretariat of the Convention on Biological Diversity**

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