

**Part 1:** **TITLE, AUTHORS, APPROVALS, etc**

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| **Code assigned:** | **2020.003B** |  |
| **Short title:** Abolish species *Pseudomonas virus 42 (Caudovirales: Myoviridae*) | | |
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**Author(s) and email address(es)**

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| SM Lehman |

**List the ICTV Study Group(s) that have seen this proposal**

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**ICTV study group comments and response of proposer**

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**Authority to use the name of a living person**

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| **Taxon name** | **Person from whom the name is derived** | **Permission attached (Y/N)** |
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**Submission dates**

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| Date first submitted to SC Chair | 27 Mar 2020 |
| Date of this revision (if different to above) |  |

**ICTV-EC comments and response of the proposer**

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**Part 3:** **TAXONOMIC PROPOSAL**

**Name of accompanying Excel module**

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| 2020.003B.R.Abolish\_Ps\_virus\_42.xlsx |

**Abstract**

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| The species “*Pseudomonas* virus 42” should be abolished because there is no sequence data available to support classification. |

**Text of proposal**

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| |  | | --- | | The species was established in release 1999a (MSL#18; van Regenmortel et al, 2000) as *Caudovirales, Myoviridae, T4-like viruses, Pseudomonas phage 42*. The original classification appears to have been based on morphology (Ackermann and Krisch, 1997).  The species was subsequently reclassified in 2011 (MSL#26), 2012 (MSL#27), and 2015 (MSL#30) when the higher order taxa associated with T4-like viruses were modified. It currently sits as an unclassified species within *Caudovirales, Myoviridae, Tevenvirinae*. However, in the absence of sequence data to support its inclusion in this subfamily or reclassification elsewhere, the species should be temporarily abolished until sequence data can be provided. | |

**Supporting evidence**

Not applicable

**References**

1: Ackermann H, Krisch HM. A catalogue of T4-type bacteriophages. *Arch. Virol.* **142,** 2329–2345 (1997); <https://doi.org/10.1007/s007050050246>; [PMID](https://en.wikipedia.org/wiki/PubMed_Identifier) [9672598](https://pubmed.ncbi.nlm.nih.gov/9672598)

2: ICTV Master Species Lists (MSL) 18, 26, 27, 30

3: van Regenmortel MH, Fauquet CM, Bishop DHL, Carstens EB, Estes MK. Virus Taxonomy: Classification and Nomenclature of Viruses. 7th Report of the International Committee on Taxonomy of Viruses. (2000) Academic Press (see specifically pages 69-75)

4: Sayers EW, Agarwala R, Bolton EE, Brister JR, Canese K, Clark K, et al. Database resources of the National Center for Biotechnology Information. Nucleic Acids Res. 2019;47(D1):D23-D28. doi: 10.1093/nar/gkz899. PMID: 31602479.

5: Tolstoy I, Kropinski AM, Brister JR. Bacteriophage Taxonomy: An Evolving Discipline. Methods Mol Biol. 2018;1693:57-71. doi: 10.1007/978-1-4939-7395-8\_6. PMID: 29119432

6: O'Leary NA, Wright MW, Brister JR, Ciufo S, Haddad D, McVeigh R, et al. Reference sequence (RefSeq) database at NCBI: current status, taxonomic expansion, and functional annotation. Nucleic Acids Res. 2016;44(D1):D733-45. doi: 10.1093/nar/gkv1189. PMID: 26553804