



This form should be used for all taxonomic proposals. Please complete all those modules that are applicable (and then delete the unwanted sections).

**Code(s) assigned:** **2008.052B** (to be completed by ICTV officers)

**Short title:** create species named Mycoplasma phage P1 to be unassigned in the subfamily Picovirinae, family Picoviridae

(e.g. 6 new species in the genus *Zetavirus*; re-classification of the family *Zetaviridae* etc.)

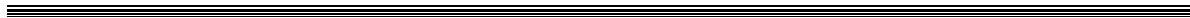
**Modules attached** (please check all that apply):

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>
6	<input type="checkbox"/>	7	<input type="checkbox"/>						

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**ICTV-EC or Study Group comments and response of the proposer:**



## MODULE 5: NEW SPECIES

Code	<b>2008.052B</b>	(assigned by ICTV officers)
<b>To create new species assigned as follows:</b>		
Genus:	<b>unassigned</b>	Fill in all that apply. Ideally, species should be placed within a genus, but it is acceptable to propose a species that is within a Subfamily or Family but not assigned to an existing genus (in which case put "unassigned" in the genus box)
Subfamily:	<b><i>Picovirinae</i></b>	
Family:	<b><i>Podoviridae</i></b>	
Order:	<b><i>Caudovirales</i></b>	

### Name(s) of proposed new species:

*Mycoplasma phage P1*

### Argument to justify the creation of the new species:

If the species are to be assigned to an existing genus, list the criteria for species demarcation and explain how the proposed members meet these criteria.

*Mycoplasma* phage P1 occupies a distinct and unclear position. The genome of the latter phage has 11 structural genes, the same type of DNA polymerase as the other  $\phi$ 29-like viruses, and a genome size of only 11,660 kb [65] ([NC\\_005856](#)). This needs confirmation since we may be observing a case of genome size reduction (as shown by *Mycoplasma* hosts themselves).  
From this perspective, *Mycoplasma* phage P1 could be tentatively included within the *Picovirinae* subfamily.

### References:

\*\* Tu, A.H., Voelker, L.L., Shen, X. and Dybvig, K. (2001) Complete nucleotide sequence of the mycoplasma virus P1 genome. *Plasmid* 45, 122-126.

### Annexes:

Include as much information as necessary to support the proposal. The use of Figures and Tables is strongly recommended.

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