



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.01	(to be completed by ICTV officers)
Short title: addition of an unassigned new species Mycoplasma P1 phage within the Picovirinae subfamily (e.g. 6 new species in the genus <i>Zetavirus</i> ; re-classification of the family <i>Zetaviridae</i> etc.)		
Modules attached (please check all that apply):	1 <input type="checkbox"/>	2 <input type="checkbox"/>
	3 <input type="checkbox"/>	4 <input type="checkbox"/>
	6 <input type="checkbox"/>	7 <input type="checkbox"/>
		5 <input checked="" type="checkbox"/>

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

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MODULE 5: **NEW SPECIES**

Code	2008.052B.01	(assigned by ICTV officers)
To create new species assigned as follows:		
Genus:	<i>unassigned</i>	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:	<i>Picovirinae</i>	
Family:	<i>Podoviridae</i>	
Order:	<i>Caudovirales</i>	

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 ϕ 29-like viruses, and a genome size of only 11,660 kb [65]. 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.
