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:** ***2008.010B*** (to be completed by ICTV officers)

**Short title:** create species named 44AHJD within the genus "AHJD-like viruses" in the subfamily Picovirinae, family Podoviridae
(e.g. 6 new species in the genus *Zetavirus*; re-classification of the family *Zetaviridae* etc.)

| | | | | | |
|---|---|---|---|---|---|
| **Modules attached**<br>(please check all that apply): | **1** ☐ | **2** ☐ | **3** ☐ | **4** ☐ | **5** ☒ |
| | **6** ☐ | **7** ☐ | | | |

**Author(s) with e-mail address(es) of the proposer:**

Rob Lavigne (rob.lavigne@biw.kuleuven.be)
Hans-W. Ackermann (Ackermann@mcb.ulaval.ca)
Andrew M. Kropinski (Andrew_Kropinski@phac-aspc.gc.ca)

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

# MODULE 5: **NEW SPECIES**

| | | |
|---|---|---|
| Code | ***2008.010B*** | (assigned by ICTV officers) |

**To create new species assigned as follows:**

| | |
|---|---|
| Genus: | **“AHJD-like viruses”** |
| Subfamily: | ***Picovirinae*** |
| Family: | ***Podoviridae*** |
| Order: | ***Caudovirales*** |

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)

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

*44AHJD*

**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.

Phages 44AHJD and P68 are small isometric phages, with short, non-contractile tails and a pre-neck appendage. Based on their morphology, their genome size, the similarity of the encoded gene products, the type of infection and on the possession of a type B DNA polymerase, 44AHJD and P68 are allocated to the order *Caudovirales*, family *Podoviridae*, *Picovirinae*. The genome of 44AHJD differs from that of P68 by a deletion spanning nucleotides 10091 to 11531 of the P68 genome, suggesting these are members of the same species.

**References:**

Vybiral D, Takác M, Loessner M, Witte A, von Ahsen U, Bläsi U. (2003) Complete nucleotide sequence and molecular characterization of two lytic Staphylococcus aureus phages: 44AHJD and P68. FEMS Microbiol Lett. 28;219(2):275-83.

**Annexes:**