



This form should be used for all taxonomic proposals. Please complete all those modules that are applicable (and then delete the unwanted sections). For guidance, see the notes written in blue and the separate document "Help with completing a taxonomic proposal"

Please try to keep related proposals within a single document; you can copy the modules to create more than one genus within a new family, for example.

MODULE 1: **TITLE, AUTHORS, etc**

<b>Code assigned:</b>	<b>2012.014aV</b>	(to be completed by ICTV officers)			
<b>Short title:</b> Change the names of species <i>Aichi virus</i> and <i>Bovine kobuvirus</i> (family <i>Picornaviridae</i> , genus <i>Kobuvirus</i> ) to <i>Aichivirus A</i> and <i>Aichivirus B</i> , respectively. (e.g. 6 new species in the genus <i>Zetavirus</i> )					
<b>Modules attached</b> (modules 1 and 9 are required)	1 <input checked="" type="checkbox"/> 6 <input type="checkbox"/>	2 <input type="checkbox"/> 7 <input type="checkbox"/>	3 <input type="checkbox"/> 8 <input checked="" type="checkbox"/>	4 <input type="checkbox"/> 9 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>

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

Nick Knowles ([nick.knowles@iah.ac.uk](mailto:nick.knowles@iah.ac.uk)) on behalf of the *Picornaviridae* Study Group.

**List the ICTV study group(s) that have seen this proposal:**

A list of study groups and contacts is provided at <http://www.ictvonline.org/subcommittees.asp> . If in doubt, contact the appropriate subcommittee chair (fungal, invertebrate, plant, prokaryote or vertebrate viruses)

*Picornaviridae* Study Group

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

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Date first submitted to ICTV:

01/07/2012

Date of this revision (if different to above):

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MODULE 8: **NON-STANDARD**

Template for any proposal not covered by modules 2-7. This includes proposals to change the name of existing taxa (but note that stability of nomenclature is encouraged wherever possible).

non-standard proposal

Code	<b>2012.014aV</b>	(assigned by ICTV officers)
<b>Title of proposal:</b> Rename species <i>Aichi virus</i> and <i>Bovine kobuvirus</i> (family <i>Picornaviridae</i> , genus <i>Kobuvirus</i> ) as <i>Aichivirus A</i> and <i>Aichivirus B</i> , respectively.		

**Text of proposal:**

A proposal to create a new species, “Porcine kobuvirus”, in the genus *Kobuvirus* has previously been submitted (2011.020aV). However, comments from the ICTV EC suggested that the Study Group consider if the use of host species names should be re-examined, especially as we had also proposed removing such references from enterovirus species names.

The abolition of host-related names in this genus appears to be justified as a second genotype of bovine kobuvirus has been identified in sheep (Reuter et al., 2010) and various 3D<sup>pol</sup> sequences related to either bovine or porcine kobuviruses have been found in Korean black goats (Lee et al., 2012). Additionally, two further genotypes of Aichi virus (which has so far only been found in humans) have been identified in a Canyon mouse (*Peromyscus crinitus*) (Phan et al., 2011) and in dogs (*Canis lupus familiaris*) (Kapoor et al., 2011; Li et al., 2011).

To this end we propose that the two existing species within the genus *Kobuvirus* are renamed as follows:

*Aichi virus* as *Aichivirus A*  
*Bovine kobuvirus* as *Aichivirus B*.

To be consistent, in the previously mentioned porcine kobuvirus taxonomic proposal the species name has been changed to *Aichivirus C*.

MODULE 9: **APPENDIX**: supporting material

additional material in support of this proposal

**References:**

Kapoor, A., Simmonds, P., Dubovi, E.J., Qaisar, N., Henriquez, J.A., Medina, J., Shields, S. and Lipkin, W.I. (2011). Characterization of a canine homolog of human Aichivirus. *J. Virol.* 2011 Aug 31. [Epub ahead of print].

Li, L., Pesavento, P.A., Shan, T., Leutenegger, C.M., Wang, C. and Delwart, E. (2011). Viruses in diarrhetic dogs include novel kobuviruses and sapoviruses. *Journal of General Virology*, in Press. Published July 20, 2011 as doi:10.1099/vir.0.034611-0.

Lee, M.H., Jeoung, H.Y., Lim, J.A., Song, J.Y., Song, D.S. and An, D.J. (2012). Kobuvirus in South Korean black goats. *Virus Genes*. 2012 Apr 12. [Epub ahead of print]

Phan, T.G., Kapusinszky, B., Wang, C., Rose, R.K., Lipton, H.L. and Delwart, E.L. (2011). The fecal viral flora of wild rodents. *PLoS Pathog* 7(9): e1002218. doi:10.1371/journal.ppat.1002218.

Reuter, G., Boros, A., Pankovics, P. and Egyed, L. (2010). Kobuvirus in domestic sheep, Hungary. *Emerging Infect. Dis.* 16: 869-870.

**Annex:**

Include as much information as necessary to support the proposal, including diagrams comparing the old and new taxonomic orders. The use of Figures and Tables is strongly recommended but direct pasting of content from publications will require permission from the copyright holder together with appropriate acknowledgement as this proposal will be placed on a public web site. For phylogenetic analysis, try to provide a tree where branch length is related to genetic distance.

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