Taxonomy of *Picornaviridae*: **Current Situation and Future Proposals**

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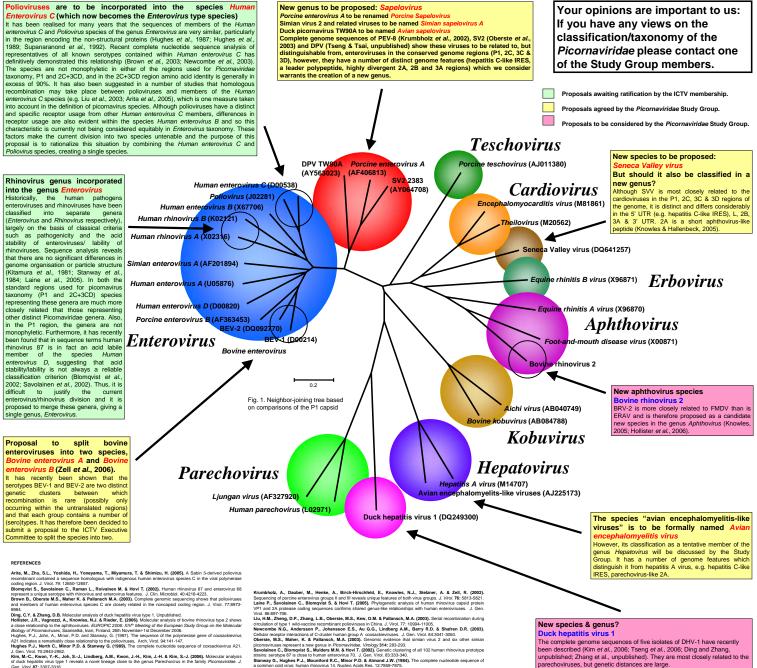
(ICTV Picornaviridae Study Group)

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ABSTRACT

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The family Picornaviridae currently consists of 23 species in 9 genera (Enterovirus, Rhinovirus, Cardiovirus, Aphthovirus, Hepatovirus, Parechovirus, Erbovirus, Kobuvirus and Teschovirus), Three new taxonomic proposals have been approved by the ICTV Ine tamily *Picomaviridae* currently consists of 23 species in 9 genera (*Enterovirus, Rhinovirus, Cardiovirus, Aphthovirus, Papechovirus, Hovirus, Robuvirus, Robuvirus, Robuvirus, Robuvirus, Abutovirus, Aphthovirus, Papechovirus, Erbovirus, Robuvirus and Jeschovirus).* Intere new taxonomic proposalis have been approved by the IC1V membership. They are: 1) to combine the enterovirus genera, keeping the existing name *Enterovirus*; ii) to combine the species' *Poicine anterovirus Quere* (*i*) to combine the enterovirus genera, keeping the existing name *Enterovirus*, consisting of three species. *Porcine enterovirus Q*. Simian virus 2 and duck picomavirus TW90A (each to be reamed); and ii) to create a new unassigned Species, *Saneca Valley virus*. Overall this will leave the number of genera unchanged, but result in the addition of two species. A number of success and species, *Saneca Valley virus*. Overall this will eave the number of the genus *Hepatovirus*; iii) the proposal to divide bovine thinovirus type 2 is desified as a new species in the genus *Aphthovirus*; and v) the proposal to divide bovine enterovirus to species. The *Picornaviridae* Study Group has a new website: www.picomastudygroup.com where the latest classification and proposals nay be viewed.



of duck hegalits virus type 1 reveals a novel lineage close to the genus Parechovirus in the limity Picorawickies. J dis Nrst 81, 32273331. Rohtherg P C, Larenc B R, Alder C L, Dorner A L, Mimi E A, Haneek R, Les J J, Der Werf S, Anderson C.W. & Wimmer E (1991). Pinnary structure, gene organization and polynetide expression of polynour INN. Nature 291547-553. Knowkes, NJ, (2005). Molecular destination of all three boxine rhinorius serolyses as members of the genus threes, NJ, 1005). Molecular destination of all three boxine rhinorius serolyses as members of the genus threes, NJ, a Natlenbeck, PL (2005). A new plocrawins is most obselve tellade to castioninase. EUROPC 2005 Knowkes, NJ, & Natlenbeck, PL (2005). A new ploc norwins is most obselve tellade to castioninase. EUROPC 2005 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the Study of the Study of the Study Study of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the European Study Group on the Malecular Bollogy of Piconawistase. Linteents, The Netherland, 23-29 Meeting of the Study of th

Ine P., Savolainen C., Biomqwist S. & Hovi T. (2005). Phylogenetic analysis of human fitteriorius. J. Gen. 1 and 2 A rogins expenses confirms shared genus kise relationships with human entervolutus. J. Gen. 14, MJ, Zheng, D.P., Zhang, L.B., Oberste, M.S., Kwe, O.M. & Pallanesh, M.A. (2003). Serial recombration during aution of typs 1 wildwaccine recombrane poliointuus in Christian J. Vicel 77. 1094-11055. Incombra M.G., Andersson P.J., Johansson E.S., Au G.G., Lindberg A.M., Barry R.D. & Stylard D.O.R. (2005). Serial M.S., Andersson P.J., Johansson E.S., Au G.G., Lindberg A.M., Barry R.D. & Stylard D.O.R. (2005). Serial M.S., Andersson P.J., Johansson E.S., Au G.G., Chenelic cutalering of all 102 human fittionicus prototype series, M.S., Maler, K. & Pallansch, M.A. (2005). Genomic cutalering of all 102 human fittionicus prototype mits sen. J. (1997) and J. J. Markov M.A. (2007). Genomic cutalering of all 102 human fittionicus prototype mits sen. J., Manuel S., Malder S.M. J. Koler, J. A. (2007). Chemical Cutalering of all 102 human fittionicus prototype mits sen. J. J. Manuel M.M. (2007). Genomics and the second sense of the second seco

ne complete genome sequences on the isolates of DTVF make recently been described (Kim et al., 2006; Tseng et al., 2006; Ding and Zhang, unpublished; Zhang et al., unpublished). They are most closely related to the parechoviruses, but genetic distances are large.