

Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2015)

M. J. Adams¹ · E. J. Lefkowitz² · A. M. Q. King³ · D. H. Bamford⁴ ·
M. Breitbart⁵ · A. J. Davison⁶ · S. A. Ghabrial⁷ · A. E. Gorbalenya⁸ ·
N. J. Knowles⁹ · P. Krell¹⁰ · R. Lavigne¹¹ · D. Prangishvili¹² · H. Sanfaçon¹³ ·
S. G. Siddell¹⁴ · P. Simmonds¹⁵ · E. B. Carstens¹⁶

Published online: 28 April 2015
© Springer-Verlag Wien 2015

Abstract Changes to virus taxonomy approved and ratified by the International Committee on Taxonomy of Viruses in February 2015 are listed.

Changes to virus taxonomy (the Universal Scheme of Virus Classification of the International Committee on Taxonomy of Viruses [ICTV]) now take place annually and are the result of a multi-stage process. In accordance with the ICTV Statutes, proposals submitted to the Executive Committee undergo a review process that involves input from the ICTV Study Groups (SGs) and Subcommittees (SCs), other interested virologists, and the ICTV Executive Committee. Reviewed proposals are then presented for

ratification to the full ICTV membership by publication on an ICTV web site followed by an electronic vote. The latest list of approved proposals was prepared and presented on the ICTV online web pages by November 2014. This list of proposals was then sent via email on 20 January 2015 to the 146 members of ICTV, namely the ICTV Executive Committee Members, Life Members, ICTV Subcommittee Members and ICTV National Representatives. Members were then requested to vote on whether or not to ratify the taxonomic proposals (voting closed on 20 February 2015).

This report lists the taxonomic proposals that were ratified by ICTV members. Note that by ICTV convention, all approved taxon names are italicized. The

✉ M. J. Adams
mike.adams.ictv@gmail.com

E. J. Lefkowitz
elliott@uab.edu

A. M. Q. King
amqking@gmail.com

D. H. Bamford
dennis.bamford@helsinki.fi

M. Breitbart
mya@usf.edu

A. J. Davison
andrew.davison@glasgow.ac.uk

S. A. Ghabrial
saghab00@uky.edu

A. E. Gorbalenya
a.e.gorbalenya@lumc.nl

N. J. Knowles
nick.knowles@pirbright.ac.uk

P. Krell
pkrell@uoguelph.ca

R. Lavigne
rob.lavigne@biw.kuleuven.be

D. Prangishvili
david.prangishvili@pasteur.fr

H. Sanfaçon
helene.sanfacon@agr.gc.ca

S. G. Siddell
stuart.siddell@bristol.ac.uk

P. Simmonds
peter.simmonds@ed.ac.uk

E. B. Carstens
carstens@queensu.ca

¹ 24 Woodland Way, Stevenage, Hertfordshire SG2 8BT, UK

² Department of Microbiology, University of Alabama at Birmingham (UAB), BBRB 276, 845 19th ST South, Birmingham, AL 35294-2170, USA

³ Sunfield, Dawney Hill, Pirbright, Woking, Surrey GU24 0JB, UK

proposals are listed by Subcommittee, and then the file-name as posted on-line. For the first time, each proposal is formally cited so that a list of the authors appears in the

References. This provides a means of acknowledging their efforts and also links to the specific proposal on the ICTV web site.

Invertebrate virus subcommittee

2013.002aI.A.v3.Betaentomopoxvirus_3sp [1]

2013.002aI create 3 species, *Adoxophyes honnai entomopoxvirus*, *Choristoneura rosaceana entomopoxvirus* and *Mythimna separata entomopoxvirus* in the genus *Betaentomopoxvirus*, subfamily *Entomopoxvirinae*, family *Poxviridae*

2014.001aI.A.v1. Entomopoxvirus-spcorr [2]

2014.001aI Correct typographical and other errors in species names in the subfamily *Entomopoxvirinae*:

Old name	New name
(a) in genus <i>Alphaentomopoxvirus</i> :	
<i>Figulus sublaevis entomopoxvirus</i>	<i>Figulus sublaevis entomopoxvirus</i>
<i>Demodema boranensis entomopoxvirus</i>	<i>Demodema bonariensis entomopoxvirus</i>
(b) in genus <i>Betaentomopoxvirus</i> :	
<i>Acrobasis zelleri entomopoxvirus</i> 'L'	<i>Acrobasis zelleri entomopoxvirus</i>
<i>Amsacta moorei entomopoxvirus</i> 'L'	<i>Amsacta moorei entomopoxvirus</i>
<i>Arphia conspersa entomopoxvirus</i> 'O'	<i>Arphia conspersa entomopoxvirus</i>
<i>Choristoneura biennis entomopoxvirus</i> 'L'	<i>Choristoneura biennis entomopoxvirus</i>
<i>Choristoneura conflicta entomopoxvirus</i> 'L'	<i>Choristoneura conflicta entomopoxvirus</i>
<i>Choristoneura diversuma entomopoxvirus</i> 'L'	<i>Choristoneura diversuma entomopoxvirus</i>
<i>Choristoneura fumiferana entomopoxvirus</i> 'L'	<i>Choristoneura fumiferana entomopoxvirus</i>
<i>Chorizagrotis auxiliars entomopoxvirus</i> 'L'	<i>Chorizagrotis auxiliars entomopoxvirus</i>
<i>Heliothis armigera entomopoxvirus</i> 'L'	<i>Heliothis armigera entomopoxvirus</i>
<i>Locusta migratoria entomopoxvirus</i> 'O'	<i>Locusta migratoria entomopoxvirus</i>
<i>Oedaleus senegalensis entomopoxvirus</i> 'O'	<i>Oedaleus senegalensis entomopoxvirus</i>
<i>Operophtera brumata entomopoxvirus</i> 'L'	<i>Operophtera brumata entomopoxvirus</i>
<i>Schistocerca gregaria entomopoxvirus</i> 'O'	<i>Schistocerca gregaria entomopoxvirus</i>
(c) in genus <i>Gammaentomopoxvirus</i> :	
<i>Goeldichironomus haloprasimus entomopoxvirus</i>	<i>Goeldichironomus holoprasinus entomopoxvirus</i>

⁴ Institute of Biotechnology and Department of Biosciences, University of Helsinki, Viikinkaari 5, 00014 Helsinki, Finland

⁵ College of Marine Science, University of South Florida, 140 7th Avenue South, Saint Petersburg, FL 33701, USA

⁶ MRC-University of Glasgow Centre for Virus Research, Sir Michael Stoker Building, 464 Bearsden Road, Glasgow G61 1QH, UK

⁷ Department of Plant Pathology, University of Kentucky, 201F Plant Science Building, 1405 Veterans Drive, Lexington, KY 40546-0312, USA

⁸ Department of Medical Microbiology, Leiden University Medical Center, E4-P, rm. E4-72, P.O. Box 9600, 2300 RC Leiden, The Netherlands

⁹ The Pirbright Institute, Ash Road, Pirbright, Surrey GU24 0NF, UK

¹⁰ Department of Molecular and Cellular Biology, University of Guelph, 50 Stone Road East, Guelph, ON N1G 2W1, Canada

¹¹ Laboratory of Gene Technology, Katholieke Universiteit Leuven, Kasteelpark Arenberg 21, Box 2462, 3001 Louvain, Belgium

¹² Biologie Moléculaire du Gène chez les Extrêmophiles, Institut Pasteur, 25, rue du Dr. Roux, 75724 Paris Cedex 15, France

¹³ Agriculture and Agri-Food Canada, Pacific Agri-Food Research Centre, 4200 Highway 97, Summerland, BC V0H 1Z0, Canada

¹⁴ Department of Cellular and Molecular Medicine, Medical and Veterinary Sciences, University of Bristol, University Walk, Bristol BS8 1TD, UK

¹⁵ Infection and Immunity Division, Roslin Institute, University of Edinburgh, Easter Bush, Edinburgh EH25 9RG, UK

¹⁶ Department of Biomedical and Molecular Sciences, Queen's University, Kingston, ON K7L 3N6, Canada

2014.002aI.A.v1. Alphabaculovirus-sprem [3]

2014.002aI remove species *Helicoverpa zea single nucleopolyhedrovirus* from the genus *Alphabaculovirus*

Plant virus subcommittee**2013.010a,bP.A.v2.Umbravirus_move [4]**

2013.010aP remove genus *Umbravirus* from its present (unassigned) position

2013.010bP reassign genus *Umbravirus* to the family *Tombusviridae*

2014.001aP.A.v1.Tobamovirus_2sp [5]

2014.001aP create 2 species, *Tomato mottle mosaic virus* and *Yellow tailflower mild mottle virus*, in the genus *Tobamovirus*, family *Virgaviridae*

2014.002aP.A.v1.Pospiviroid_sprem [6]

2014.002aP remove (abolish) the species *Mexican papita viroid* (currently in the genus *Pospiviroid*, family *Pospiviroidae*)

2014.003aP.A.v2.Hostuviroid_sp [7]

2014.003aP create species *Dahlia latent viroid* in the genus *Hostuviroid*

2014.004aP.A.v2.Torradovirus_sp [8]

2014.004aP create species *Lettuce necrotic leaf curl virus* in the genus *Torradovirus*, family *Secoviridae*, order *Picornavirales*

2014.005aP.A.v1.Tritimovirus_sp [9]

2014.005aP create the species *Tall oatgrass mosaic virus* in the genus *Tritimovirus*, family *Potyviridae*

2014.006aP.A.v2.Tombusviridae_4sp [10]

2014.006aP create 4 species (*Elderberry latent virus*, *Pelargonium chlorotic ring pattern virus*, *Pelargonium ringspot virus* and *Rosa rugosa leaf distortion virus*) to be unassigned in the family *Tombusviridae*

2014.007aP.A.v1.Panicovirus_sp [11]

2014.007aP create species *Thin paspalum asymptomatic virus* in genus *Panicovirus* in the family *Tombusviridae*

2014.008aP.A.v3.Tombusviridae_sp [12]

2014.008aP create species *Trailing lespedeza virus 1* to be unassigned in the family *Tombusviridae*

2014.009aP.A.v4.Potyvirus_12sp [13]

2014.009aP create 12 species (*Bidens mosaic virus*, *Blue squill virus A*, *Brugmansia mosaic virus*, *Calla lily latent virus*, *Habenaria mosaic virus*, *Keunjongong mosaic virus*, *Lupinus mosaic virus*, *Panax virus Y*, *Tomato necrotic stunt virus*, *Cyrtanthus elatus virus A*, *Verbena virus Y* and *Zucchini tigre mosaic virus*) in the genus *Potyvirus*, family *Potyviridae*

2014.010a-dP.A.v2.Rosadnavirus [14]

2014.010aP create species *Rose yellow vein virus* in genus *Rosadnavirus* (new) in the family *Caulimoviridae*

2014.010bP create a new genus

2014.010cP name the genus *Rosadnavirus*

2014.010dP designate *Rose yellow vein virus* as type species of the new genus

2014.011aP.A.v1.Caulimovirus_sp [15]

2014.011aP create species *Soybean Putnam virus* in genus *Caulimovirus*, family *Caulimoviridae*

2014.012aP.A.v1.Badnavirus_7sp [16]

2014.012aP create 7 species (*Banana streak IM virus*, *Banana streak UA virus*, *Banana streak UI virus*, *Banana streak UL virus*, *Banana streak UM virus*, *Fig badnavirus 1* and *Pagoda yellow mosaic associated virus*) in the genus *Badnavirus*, family *Caulimoviridae*

2014.013aP.A.v2.Emaravirus_sp [17]

2014.013aP create species *Pigeonpea sterility mosaic virus* in the genus *Emaravirus*

Prokaryote virus subcommittee**2012.002a-dB.A.v3.Corndoglikevirus [18]**

2012.002aB create 2 species (*Mycobacterium phage corndog* and *Mycobacterium phage firecracker*) in the genus *Corndoglikevirus* (new), family *Siphoviridae*, order *Caudovirales*

2012.002bB create a new genus in the family *Siphoviridae*

2012.002cB name the new genus *Corndoglikevirus*

2012.002dB designate *Mycobacterium phage corndog* as the type species of the new genus

2012.003a-dB.A.v3.D3112likevirus [19]

2012.003aB

create 8 species (*Pseudomonas phage D3112*, *Pseudomonas phage Dms3*, *Pseudomonas phage Fha0480*, *Pseudomonas phage Lpb1*, *Pseudomonas phage Mp22*, *Pseudomonas phage Mp29*, *Pseudomonas phage Mp38* and *Pseudomonas phage Pa1phi*) in the genus *D3112likevirus* (new), family *Siphoviridae*, order *Caudovirales*

2012.003bB create a new genus in the family *Siphoviridae*

2012.003cB name the new genus *D3112likevirus*

2012.003dB designate *Pseudomonas phage D3112* as the type species of the new genus

2013.001a-oB.A.v5.Sphaerolipoviridae [20, 21]

2013.001aB create 3 species (*Haloarcula hispanica virus SH1*, *Haloarcula hispanica virus PHI* and *Haloarcula hispanica icosahedral virus 2*) in the genus *Alphasphaerolipovirus* (new), family *Sphaerolipoviridae* (new)

2013.001bB create a new genus in the family *Sphaerolipoviridae* (new)

2013.001cB name the new genus *Alphasphaerolipovirus*

2013.001dB designate *Haloarcula hispanica virus SH1* as the type species of the new genus

2013.001eB create species *Natrinema virus SNJ1* in the genus *Betasphaerolipovirus* (new), family *Sphaerolipoviridae* (new)

2013.001fB create a new genus in the family *Sphaerolipoviridae* (new)

2013.001gB name the new genus *Betasphaerolipovirus*

2013.001hB designate *Natrinema virus SNJ1* as the type species of the new genus

2013.001iB create 2 species, *Thermus thermophilus phage P23-77* and *Thermus thermophilus phage IN93*, in the genus *Gammasphaerolipovirus* (new), family *Sphaerolipoviridae* (new)

2013.001jB create a new genus in the family *Sphaerolipoviridae* (new)

2013.001kB name the new genus *Gammasphaerolipovirus*

2013.001lB designate *Thermus thermophilus phage P23-77* as the type species of the new genus

2013.001mB create a new unassigned family

2013.001nB name the new family *Sphaerolipoviridae*

2013.001oB assign 3 genera, *Alphasphaerolipovirus*, *Betasphaerolipovirus* and *Gammasphaerolipovirus*, to the new family

2013.004a-kB.A.v4.Eucampyvirinae [22, 23]

2013.004aB create 4 species (*Campylobacter phage CP220*, *Campylobacter phage CPT10*, *Campylobacter phage IBB35* and *Campylobacter phage CP21*) in the genus *Cp220likevirus* (new), subfamily *Eucampyvirinae* (new), family *Myoviridae*, order *Caudovirales*

2013.004bB create 3 species (*Campylobacter phage CP81*, *Campylobacter phage CPX* and *Campylobacter phage NCTC12673*) in the genus *Cp8unalikevirus* (new), subfamily *Eucampyvirinae* (new), family *Myoviridae*, order *Caudovirales*

2013.004cB create a new genus in the subfamily *Eucampyvirinae* (new), family *Myoviridae*

2013.004dB name the new genus *Cp220likevirus*

2013.004eB designate *Campylobacter phage CP220* as the type species of the new genus

2013.004fB create a new genus in the subfamily *Eucampyvirinae* (new), family *Myoviridae*

2013.004gB name the new genus *Cp8unalikevirus*

2013.004hB designate *Campylobacter phage CP81* as the type species of the new genus

2013.004iB create a new subfamily in the family *Myoviridae*

2013.004jB name the new subfamily *Eucampyvirinae*

2013.004kB assign 2 genera, *Cp220likevirus* and *Cp8unalikevirus*, to the new subfamily

2013.005a-dB.A.v3.Phiflikevirus [24]

2013.005aB create 3 species (*Enterococcus phage phif1*, *Enterococcus phage phif2* and *Enterococcus phage phif3*) in the genus *Phiflikevirus* (new), family *Siphoviridae*, order *Caudovirales*

2013.005bB create a new genus in the family *Siphoviridae*

2013.005cB name the new genus *Phiflikevirus*

2013.005dB designate *Enterococcus phage phif1* as the type species of the new genus

2013.006a-dB.A.v3.Iebhlikevirus [25]

2013.006aB create 2 species, *Bacillus phage IEBH* and *Bacillus phage 250*, in the genus *Iebhlikevirus* (new), family *Siphoviridae*, order *Caudovirales*

2013.006bB create a new genus in the family *Siphoviridae*

2013.006cB name the new genus *Iebhlikevirus*

2013.006dB designate *Bacillus phage IEBH* as the type species of the new genus

2013.007a-dB.A.v3.Halolikevirus [26]

2013.007aB create 2 species, *Mycobacterium phage halo* and *Mycobacterium phage liefie*, in the genus *Halolikevirus* (new), family *Siphoviridae*, order *Caudovirales*

- 2013.007bB create a new genus in the family *Siphoviridae*
- 2013.007cB name the new genus *Halolikevirus*
- 2013.007dB designate *Mycobacterium phage halo* as the type species of the new genus
- 2013.008a-dB.A.v3.Che8likevirus [27]**
- 2013.008aB create the following 28 species in the genus *Che8likevirus* (new), family *Siphoviridae*, order *Caudovirales*: *Mycobacterium phage Che8*, *Mycobacterium phage PMC*, *Mycobacterium phage mutaforma13*, *Mycobacterium phage dotproduct*, *Mycobacterium phage gumbie*, *Mycobacterium phage Llij*, *Mycobacterium phage spartacus*, *Mycobacterium phage Pacc40*, *Mycobacterium phage ibhubesi*, *Mycobacterium phage tweety*, *Mycobacterium phage taj*, *Mycobacterium phage wee*, *Mycobacterium phage dorothy*, *Mycobacterium phage deadp*, *Mycobacterium phage SG4*, *Mycobacterium phage boomer*, *Mycobacterium phage dlane*, *Mycobacterium phage ardmore*, *Mycobacterium phage fruitloop*, *Mycobacterium phage shilan*, *Mycobacterium phage drago*, *Mycobacterium phage ramsey*, *Mycobacterium phage rockyhorror*, *Mycobacterium phage mozy*, *Mycobacterium phage shauna1*, *Mycobacterium phage Che9d*, *Mycobacterium phage avani* and *Mycobacterium phage yoshi*
- 2013.008bB create a new genus in the family *Siphoviridae*
- 2013.008cB name the new genus *Che8likevirus*
- 2013.008dB designate *Mycobacterium phage Che8* as the type species of the new genus
- 2013.009a-dB.A.v3.Bignuzlikevirus [28]**
- 2013.009aB create 2 species, *Mycobacterium phage bignuz* and *Mycobacterium phage jebeks*, in the genus *Bignuzlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.009bB create a new genus in the family *Siphoviridae*
- 2013.009cB name the new genus *Bignuzlikevirus*
- 2013.009dB designate *Mycobacterium phage bignuz* as the type species of the new genus
- 2013.010a-dB.A.v3.Phijlunlikevirus [29]**
- 2013.010aB create 3 species (*Lactobacillus phage phijl1*, *Pediococcus phage clp1* and *Lactobacillus phage ATCC8014*) in the genus *Phijlunlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.010bB create a new genus in the family *Siphoviridae*
- 2013.010cB name the new genus *Phijlunlikevirus*
- 2013.010dB designate *Lactobacillus phage phijl1* as the type species of the new genus
- 2013.011a-dB.A.v3.Barnyardlikevirus [30]**
- 2013.011aB create 4 species (*Mycobacterium phage barnyard*, *Mycobacterium phage predator*, *Mycobacterium phage konstantine* and *Mycobacterium phage patience*) in the genus *Barnyardlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.011bB create a new genus in the family *Siphoviridae*
- 2013.011cB name the new genus *Barnyardlikevirus*
- 2013.011dB designate *Mycobacterium phage barnyard* as the type species of the new genus
- 2013.012a-dB.A.v3.Charlielikevirus [31]**
- 2013.012aB create 2 species, *Mycobacterium phage charlie* and *Mycobacterium phage redi*, in the genus *Charlielikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.012bB create a new genus in the family *Siphoviridae*
- 2013.012cB name the new genus *Charlielikevirus*
- 2013.012dB designate *Mycobacterium phage charlie* as the type species of the new genus
- 2013.013a-dB.A.v3.Che9clikevirus [32]**
- 2013.013aB create 3 species (*Mycobacterium phage Che9c*, *Mycobacterium phage brujita* and *Mycobacterium phage babsiella*) in the genus *Che9clikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.013bB create a new genus in the family *Siphoviridae*
- 2013.013cB name the new genus *Che9clikevirus*
- 2013.013dB designate *Mycobacterium phage Che9c* as the type species of the new genus
- 2013.014a-dB.A.v3.Cjwunlikevirus [33]**
- 2013.014aB create 9 species (*Mycobacterium phage CJW1*, *Mycobacterium phage pumpkin*, *Mycobacterium phage 244*, *Mycobacterium phage porky*, *Mycobacterium phage Bask21*, *Mycobacterium phage sirduracell*, *Mycobacterium phage eureka*, *Mycobacterium phage kostya* and *Mycobacterium phage toto*) in the genus *Cjwunlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.014bB create a new genus in the family *Siphoviridae*
- 2013.014cB name the new genus *Cjwunlikevirus*
- 2013.014dB designate *Mycobacterium phage CJW1* as the type species of the new genus
- 2013.015a-dB.A.v3.D3likevirus [34]**
- 2013.015aB create 2 species, *Pseudomonas phage D3* and *Pseudomonas phage PMG1*, in the genus *D3likevirus* (new), family *Siphoviridae*, order *Caudovirales*

- 2013.015bB create a new genus in the family *Siphoviridae*
- 2013.015cB name the new genus *D3likevirus*
- 2013.015dB designate *Pseudomonas phage D3* as the type species of the new genus
- 2013.016aB.A.v3.L5likevirus_62sp [35]**
- 2013.016aB create the following 62 species in the genus *L5likevirus*, family *Siphoviridae*, order *Caudovirales*: *Mycobacterium phage L5*, *Mycobacterium phage SWU1*, *Mycobacterium phage Che12*, *Mycobacterium phage D29*, *Mycobacterium phage trixie*, *Mycobacterium phage turbido*, *Mycobacterium phage Ta17a*, *Mycobacterium phage redrock*, *Mycobacterium phage pukovnik*, *Mycobacterium phage erich*, *Mycobacterium phage hammer*, *Mycobacterium phage gladiator*, *Mycobacterium phage jeffabunny*, *Mycobacterium phage Bxb1*, *Mycobacterium phage billknuckles*, *Mycobacterium phage switzer*, *Mycobacterium phage kssjeb*, *Mycobacterium phage U2*, *Mycobacterium phage mrgordo*, *Mycobacterium phage museum*, *Mycobacterium phage lesedi*, *Mycobacterium phage solon*, *Mycobacterium phage bethlehem*, *Mycobacterium phage KBG*, *Mycobacterium phage kugel*, *Mycobacterium phage bruns*, *Mycobacterium phage violet*, *Mycobacterium phage euphoria*, *Mycobacterium phage BPBiels31*, *Mycobacterium phage nepal*, *Mycobacterium phage doom*, *Mycobacterium phage marcell*, *Mycobacterium phage lockley*, *Mycobacterium phage skipole*, *Mycobacterium phage JC27*, *Mycobacterium phage Jasper*, *Mycobacterium phage Ridgecb*, *Mycobacterium phage Perseus*, *Mycobacterium phage Bxz2*, *Mycobacterium phage JHC117*, *Mycobacterium phage microwolf*, *Mycobacterium phage wonder*, *Mycobacterium phage heldan*, *Mycobacterium phage rockstar*, *Mycobacterium phage peaches*, *Mycobacterium phage arturo*, *Mycobacterium phage LHTSCC*, *Mycobacterium phage backyardigan*, *Mycobacterium phage benedict*, *Mycobacterium phage george*, *Mycobacterium phage cuco*, *Mycobacterium phage tiger*, *Mycobacterium phage timshel*, *Mycobacterium phage saintus*, *Mycobacterium phage astro*, *Mycobacterium phage packman*, *Mycobacterium phage alma*, *Mycobacterium phage rebeuca*, *Mycobacterium phage goose*, *Mycobacterium phage twister*, *Rhodococcus phage RGL3* and *Rhodococcus phage RER2*
- 2013.017a-dB.A.v3.Bronlikevirus [36]**
- 2013.017aB create 4 species (*Mycobacterium phage bron*, *Mycobacterium phage joedirt*, *Mycobacterium phage rumpelstiltskin* and *Mycobacterium phage Faith1*) in the genus *Bronlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.017bB create a new genus in the family *Siphoviridae*
- 2013.017cB name the new genus *Bronlikevirus*
- 2013.017dB designate *Mycobacterium phage bron* as the type species of the new genus
- 2013.018a-dB.A.v3.Omegalikevirus [37]**
- 2013.018aB create 6 species (*Mycobacterium phage omega*, *Mycobacterium phage littlee*, *Mycobacterium phage courthouse*, *Mycobacterium phage optimus*, *Mycobacterium phage baka* and *Mycobacterium phage thibault*) in the genus *Omegalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.018bB create a new genus in the family *Siphoviridae*
- 2013.018cB name the new genus *Omegalikevirus*
- 2013.018dB designate *Mycobacterium phage omega* as the type species of the new genus
- 2013.019a-dB.A.v4.Pbiunlikevirus [38]**
- 2013.019aB create species *Mycobacterium phage PB11* in the genus *Pbiunlikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.019bB create a new genus in the family *Siphoviridae*
- 2013.019cB name the new genus *Pbiunlikevirus*
- 2013.019dB designate *Mycobacterium phage PB11* as the type species of the new genus
- 2013.020a-dB.A.v4.Pgonelikevirus [39]**
- 2013.020aB create 12 species (*Mycobacterium phage Pg1*, *Mycobacterium phage oline*, *Mycobacterium phage rosebush*, *Mycobacterium phage pipefish*, *Mycobacterium phage gadjet*, *Mycobacterium phage athena*, *Mycobacterium phage cooper*, *Mycobacterium phage chrismich*, *Mycobacterium phage stinger*, *Mycobacterium phage nigel*, *Mycobacterium phage zemanar* and *Mycobacterium phage acadian*) in the genus *Pgonelikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.020bB create a new genus in the family *Siphoviridae*
- 2013.020cB name the new genus *Pgonelikevirus*
- 2013.020dB designate *Mycobacteriophage Pg1* as the type species of the new genus
- 2013.021a-dB.A.v3.Reylikevirus [40]**
- 2013.021aB create 2 species, *Mycobacterium phage rey* and *Mycobacterium phage bongo*, in the genus *Reylikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.021bB create a new genus in the family *Siphoviridae*
- 2013.021cB name the new genus *Reylikevirus*
- 2013.021dB designate *Mycobacterium phage rey* as the type species of the new genus
- 2013.022a-dB.A.v3.Tm4likevirus [41]**
- 2013.022aB create 9 species (*Mycobacterium phage TM4*, *Mycobacterium phage angelica*, *Mycobacterium phage jaws*, *Mycobacterium phage crimd*, *Mycobacterium phage anaya*, *Mycobacterium phage pixie*, *Mycobacterium phage macncheese*, *Mycobacterium phage larva* and *Mycobacterium phage fionn*) in the genus *Tm4likevirus* (new), family *Siphoviridae*, order *Caudovirales*

- 2013.022bB create a new genus in the family *Siphoviridae*
- 2013.022cB name the new genus *Tm4likevirus*
- 2013.022dB designate *Mycobacterium phage TM4* as the type species of the new genus
- 2013.023a-dB.A.v3.C5likevirus [42]**
- 2013.023aB create 2 species, *Lactobacillus phage c5* and *Lactobacillus phage LLKu*, in the genus *C5likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.023bB create a new genus in the family *Siphoviridae*
- 2013.023cB name the new genus *C5likevirus*
- 2013.023dB designate *Lactobacillus phage c5* as the type species of the new genus
- 2013.024a-dB.A.v3.P23likevirus [43]**
- 2013.024aB create 2 species, *Thermus phage P2345* and *Thermus phage P7426*, in the genus *P23likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.024bB create a new genus in the family *Siphoviridae*
- 2013.024cB name the new genus *P23likevirus*
- 2013.024dB designate *Thermus phage P2345* as the type species of the new genus
- 2013.025a-dB.A.v3.Phicbklikevirus [44]**
- 2013.025aB create 5 species (*Caulobacter phage phicbk*, *Caulobacter phage magneto*, *Caulobacter phage swift*, *Caulobacter phage karma* and *Caulobacter phage rogue*) in the genus *Phicbklikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.025bB create a new genus in the family *Siphoviridae*
- 2013.025cB name the new genus *Phicbklikevirus*
- 2013.025dB designate *Caulobacter phage phicbk* as the type species of the new genus
- 2013.026a-dB.A.v3.Sap6likevirus [45]**
- 2013.026aB create 5 species (*Enterococcus phage SAP6*, *Enterococcus phage BC611*, *Enterococcus phage IMEEF1*, *Streptococcus phage SPQS1* and *Enterococcus phage VDI3*) in the genus *Sap6likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.026bB create a new genus in the family *Siphoviridae*
- 2013.026cB name the new genus *Sap6likevirus*
- 2013.026dB designate *Enterococcus phage SAP6* as the type species of the new genus
- 2013.027a-dB.A.v3.Tp2unalikevirus [46]**
- 2013.027aB create 2 species, *Bacillus phage TP21* and *Bacillus phage BMBtp2*, in the genus *Tp2unalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.027bB create a new genus in the family *Siphoviridae*
- 2013.027cB name the new genus *Tp2unalikevirus*
- 2013.027dB designate *Bacillus phage TP21* as the type species of the new genus
- 2013.028a-dB.A.v3.Xp10likevirus [47]**
- 2013.028aB create 5 species (*Xanthomonas phage Xp10*, *Xanthomonas phage OPI*, *Xanthomonas phage Xop411*, *Xanthomonas phage phil7* and *Xanthomonas phage CPI*) in the genus *Xp10likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.028bB create a new genus in the family *Siphoviridae*
- 2013.028cB name the new genus *Xp10likevirus*
- 2013.028dB designate *Xanthomonas phage Xp10* as the type species of the new genus
- 2013.029a-dB.A.v3.Hk578likevirus [48]**
- 2013.029aB create 5 species (*Escherichia phage HK578*, *Sodalis phage SO-1*, *Shigella phage EP23*, *Enterobacteria phage JLI* and *Enterobacteria phage SSL-2009a*) in the genus *Hk578likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.029bB create a new genus in the family *Siphoviridae*
- 2013.029cB name the new genus *Hk578likevirus*
- 2013.029dB designate *Escherichia phage HK578* as the type species of the new genus
- 2013.030a-dB.A.v3.Jerseylikevirus [49]**
- 2013.030aB create 6 species (*Salmonella phage jersey*, *Salmonella phage SETP3*, *Salmonella phage Ent1*, *Salmonella phage SE2*, *Salmonella phage wksl3* and *Salmonella phage SS3e*) in the genus *Jerseylikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.030bB create a new genus in the family *Siphoviridae*
- 2013.030cB name the new genus *Jerseylikevirus*
- 2013.030dB designate *Salmonella phage jersey* as the type species of the new genus
- 2013.031a-dB.A.v3.Phie125likevirus [50]**

- 2013.031aB create 3 species (*Burkholderia phage phie125*, *Burkholderia phage phi1026b* and *Burkholderia phage phi6442*) in the genus *Phie125likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.031bB create a new genus in the family *Siphoviridae*
- 2013.031cB name the new genus *Phie125likevirus*
- 2013.031dB designate *Burkholderia phage phie125* as the type species of the new genus
- 2013.032a-dB.A.v3.Wbetalikevirus [51]**
- 2013.032aB create species *Bacillus phage Wbeta* in the genus *Wbetalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.032bB create a new genus in the family *Siphoviridae*
- 2013.032cB name the new genus *Wbetalikevirus*
- 2013.032dB designate *Bacillus phage Wbeta* as the type species of the new genus
- 2013.033aB.A.v3.PhiC3unalikeviruses_2sp [52]**
- 2013.033aB create 2 species, *Streptomyces phage phibt1* and *Streptomyces phage TGI*, in the genus *PhiC3unalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.034a-dB.A.v4.Sfi1unalikevirus [53]**
- 2013.034aB create 5 species (*Streptococcus phage Sfi11*, *Streptococcus phage O1205*, *Streptococcus phage 2972*, *Streptococcus phage Alq132* and *Streptococcus phage 858*) in the genus *Sfi1unalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.034bB create a new genus in the family *Siphoviridae*
- 2013.034cB name the new genus *Sfi1unalikevirus*
- 2013.034dB designate *Streptococcus phage Sfi11* as the type species of the new genus
- 2013.035a-dB.A.v3.Skunalikevirus [54]**
- 2013.035aB create 17 species (*Lactococcus phage SK1*, *Lactococcus phage bli170*, *Lactococcus phage jj50*, *Lactococcus phage 712*, *Lactococcus phage P008*, *Lactococcus phage Sl4*, *Lactococcus phage CB13*, *Lactococcus phage CB14*, *Lactococcus phage CB19*, *Lactococcus phage CB20*, *Lactococcus phage Bibb29*, *Lactococcus phage P2*, *Lactococcus phage Ascc273*, *Lactococcus phage Ascc191*, *Lactococcus phage Ascc281*, *Lactococcus phage Ascc532* and *Lactococcus phage Ascc465*) in the genus *Skunalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.035bB create a new genus in the family *Siphoviridae*
- 2013.035cB name the new genus *Skunalikevirus*
- 2013.035dB designate *Lactococcus phage SK1* as the type species of the new genus
- 2013.036a-dB.A.v3.Sfi21dtunalikevirus [55]**
- 2013.036aB create 5 species (*Streptococcus phage DT1*, *Streptococcus phage Sfi19*, *Streptococcus phage Sfi21*, *Streptococcus phage Abc2* and *Streptococcus phage 7201*) in the genus *Sfi21dtunalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.036bB create a new genus in the family *Siphoviridae*
- 2013.036cB name the new genus *Sfi21dtunalikevirus*
- 2013.036dB designate *Streptococcus phage DT1* as the type species of the new genus
- 2013.037a-dB.A.v3.Andromedaliikevirus [56]**
- 2013.037aB create 8 species (*Bacillus phage andromeda*, *Bacillus phage eoghan*, *Bacillus phage taylor*, *Bacillus phage curly*, *Bacillus phage finn*, *Bacillus phage glittering*, *Bacillus phage blastoid* and *Bacillus phage riggi*) in the genus *Andromedaliikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.037bB create a new genus in the family *Siphoviridae*
- 2013.037cB name the new genus *Andromedaliikevirus*
- 2013.037dB designate *Bacillus phage andromeda* as the type species of the new genus
- 2013.038a-dB.A.v4.Bcep22likevirus [57]**
- 2013.038aB create 4 species (*Burkholderia phage Bcep22*, *Burkholderia phage Bcepil02*, *Burkholderia phage Dc1* and *Burkholderia phage Bcepmlg1*) in the genus *Bcep22likevirus* (new), family *Podoviridae*, order *Caudovirales*
- 2013.038bB create a new genus in the family *Podoviridae*
- 2013.038cB name the new genus *Bcep22likevirus*
- 2013.038dB designate *Burkholderia phage Bcep22* as the type species of the new genus
- 2013.039a-dB.A.v3.Chilikevirus [58]**
- 2013.039aB create 5 species (*Salmonella phage Chi*, *Salmonella phage SPN19*, *Salmonella phage iEPSS*, *Salmonella phage FSLSP088* and *Salmonella phage FSLSP030*) in the genus *Chilikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.039bB create a new genus in the family *Siphoviridae*
- 2013.039cB name the new genus *Chilikevirus*
- 2013.039dB designate *Salmonella phage Chi* as the type species of the new genus

2013.040a-dB.A.v4.F116likevirus [59]

- 2013.040aB create 2 species, *Pseudomonas phage F116* and *Pseudomonas phage H66*, in the genus *F116likevirus* (new), family *Podoviridae*, order *Caudovirales*
- 2013.040bB create a new genus in the family *Podoviridae*
- 2013.040cB name the new genus *F116likevirus*
- 2013.040dB designate *Pseudomonas phage F116* as the type species of the new genus

2013.042a-IB.A.v3.Siphoviridae_3gen [60, 61]

- 2013.042aB create 6 species (*Staphylococcus phage 3a*, *Staphylococcus phage 42e*, *Staphylococcus phage 47*, *Staphylococcus phage Ipla35*, *Staphylococcus phage Slt* and *Staphylococcus phage Phi12*) in the genus *3alikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.042bB create 3 species (*Staphylococcus phage 77*, *Staphylococcus phage 13* and *Staphylococcus phage Pvl108*) in the genus *77likevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.042cB create 31 species (*Staphylococcus phage 11*, *Staphylococcus phage 187*, *Staphylococcus phage 29*, *Staphylococcus phage 37*, *Staphylococcus phage 52a*, *Staphylococcus phage 53*, *Staphylococcus phage 55*, *Staphylococcus phage 69*, *Staphylococcus phage 71*, *Staphylococcus phage 80*, *Staphylococcus phage 80alpha*, *Staphylococcus phage 85*, *Staphylococcus phage 88*, *Staphylococcus phage 92*, *Staphylococcus phage 96*, *Staphylococcus phage Cnph82*, *Staphylococcus phage Ew*, *Staphylococcus phage Ph15*, *Staphylococcus phage Phieta*, *Staphylococcus phage Phieta2*, *Staphylococcus phage Phieta3*, *Staphylococcus phage phimr11*, *Staphylococcus phage phimr25*, *Staphylococcus phage Ipla88*, *Staphylococcus phage Sap26*, *Staphylococcus phage X2*, *Staphylococcus phage phinn1*, *Staphylococcus phage phinn4*, *Staphylococcus phage Ipla5*, *Staphylococcus phage Ipla7* and *Staphylococcus phage phinn2*) in the genus *Phietalikevirus* (new), family *Siphoviridae*, order *Caudovirales*
- 2013.042dB create a new genus in the family *Siphoviridae*
- 2013.042eB name the new genus *3alikevirus*
- 2013.042fB designate *Staphylococcus phage 3a* as the type species of the new genus
- 2013.042gB create a new genus in the family *Siphoviridae*
- 2013.042hB name the new genus *77likevirus*
- 2013.042iB designate *Staphylococcus phage 77* as the type species of the new genus
- 2013.042jB create a new genus in the family *Siphoviridae*
- 2013.042kB name the new genus *Phietalikevirus*
- 2013.042iB designate *Staphylococcus phage Phieta* as the type species of the new genus

Vertebrate virus subcommittee**2013.004aV.A.v2.Phlebovirus_sp [62]**

- 2013.004aV create species *SFTS virus* in the genus *Phlebovirus*, family *Bunyaviridae*

2014.001aV.A.v1. Orthohepadnavirus_sp [63]

- 2014.001aV create species *Bat hepatitis virus* in genus *Orthohepadnavirus*, family *Hepadnaviridae*

2014.002aV.A.v2.Rotavirus_3sp [64]

- 2014.002aV create 3 species (*Rotavirus F*, *Rotavirus G*, and *Rotavirus H*), in the genus *Rotavirus*, subfamily *Sedoreovirinae*, family *Reoviridae*

2014.004aV.A.v2.Tospovirus_sp [65]

- 2014.004aV create species *Iris yellow spot virus* in the genus *Tospovirus*, family *Bunyaviridae*

2014.005aV.A.v2.Tospovirus_sp [66]

- 2014.005aV create species *Watermelon bud necrosis virus* in the genus *Tospovirus*, family *Bunyaviridae*

2014.007aV.A.v2.Nyavirus_sp [67]

- 2014.007aV create species *Sierra Nevada nyavirus* in the genus *Nyavirus*, family *Nyamiviridae*, order *Mononegavirales*

2014.008a-hV.A.v6.Hepeviridae [68]

- 2014.008aV create species *Piscihepevirus A* in the genus *Piscihepevirus* (new), family *Hepeviridae*
- 2014.008bV create 2 species (*Orthohepevirus C* and *Orthohepevirus D*) in the genus *Hepevirus* (proposed name, *Orthohepevirus*) family *Hepeviridae*
- 2014.008cV create a new genus in the family *Hepeviridae*
- 2014.008dV name the genus *Piscihepevirus*
- 2014.008eV designate *Piscihepevirus A* as type species of the new genus
- 2014.008fV remove species *Avian hepatitis E virus* from its unassigned position within the family *Hepeviridae*
- 2014.008gV reassign the above species to the genus *Hepevirus* (proposed name, *Orthohepevirus*)
- 2014.008hV (i) Change the name of the genus *Hepevirus* to *Orthohepevirus*. (ii) Change the name of the species *Hepatitis E virus* to *Orthohepevirus A*. (iii) Change the name of the species *Avian hepatitis E virus* to *Orthohepevirus B*.

2014.010a,bV.A.v2.Bornaviridae_spre [69, 70]

2014.010aV create 4 species (*Psittaciform 1 bornavirus*, *Passeriform 1 bornavirus*, *Passeriform 2 bornavirus* and *Waterbird 1 bornavirus*) in the genus *Bornavirus*, family *Bornaviridae*

2014.010bV In the genus *Bornavirus*, change the name of species *Borna disease virus* to *Mammalian 1 bornavirus*

2014.011a-dV.A.v2.Reptarenavirus [71]

2014.011aV create 3 species (*Alethinophid 1 reptarenavirus*, *Alethinophid 2 reptarenavirus* and *Alethinophid 3 reptarenavirus*) in the genus *Reptarenavirus* (new), family *Arenaviridae*

2014.011bV create a new genus in the family *Arenaviridae*

2014.011cV name the genus *Reptarenavirus*

2014.011dV designate *Alethinophid 1 reptarenavirus* as type species of the new genus

2014.012aV.A.v3.Arenavirus_ren [72]

2014.012aV in the family *Arenaviridae*, change the name of genus *Arenavirus* to *Mammarenavirus* and convert the names of its constituent species to a binomial format, by changing the word *virus* to *mammarenavirus* in each existing name, [example: *Allpahuayo virus* (current name) changed to *Allpahuayo mammarenavirus* (new name)]

2014.013aV.A.v3. Mammarenavirus_2sp [73]

2014.013aV create species *Lunk mammarenavirus* and *Merino Walk mammarenavirus* in the genus *Arenavirus* (proposed name *Mammarenavirus*), family *Arenaviridae*

2014.014aV.A.v2.Cardiovirus_sp [74]

2014.014aV create species *Cardiovirus C* within the genus *Cardiovirus*, family *Picornaviridae*

2014.015a-dV.A.v3.Kunsagivirus [75]

2014.015aV create species *Kunsagivirus A* in genus *Kunsagivirus* (new), family *Picornaviridae*

2014.015bV create a new genus in the family *Picornaviridae*

2014.015cV name the genus *Kunsagivirus*

2014.015dV designate *Kunsagivirus A* as type species of the new genus

2014.016aV.A.v1.Picornaviridae_spre [76]

2014.016aV rename 12 species in the family *Picornaviridae* as follows:

Genus	Old name	New name
<i>Avihepatovirus</i>	<i>Duck hepatitis A virus</i>	<i>Avihepatovirus A</i>
<i>Cardiovirus</i>	<i>Encephalomyocarditis virus</i>	<i>Cardiovirus A</i>
<i>Cardiovirus</i>	<i>Theilovirus</i>	<i>Cardiovirus B</i>
<i>Erbovirus</i>	<i>Equine rhinitis B virus</i>	<i>Erbovirus A</i>
<i>Hepatovirus</i>	<i>Hepatitis A virus</i>	<i>Hepatovirus A</i>
<i>Parechovirus</i>	<i>Human parechovirus</i>	<i>Parechovirus A</i>
<i>Parechovirus</i>	<i>Ljungan virus</i>	<i>Parechovirus B</i>
<i>Sapelovirus</i>	<i>Porcine sapelovirus</i>	<i>Sapelovirus A</i>
<i>Sapelovirus</i>	<i>Simian sapelovirus</i>	<i>Sapelovirus B</i>
<i>Senecavirus</i>	<i>Seneca Valley virus</i>	<i>Senecavirus A</i>
<i>Teschovirus</i>	<i>Porcine teschovirus</i>	<i>Teschovirus A</i>
<i>Tremovirus</i>	<i>Avian encephalomyelitis virus</i>	<i>Tremovirus A</i>

2014.017a-dV.A.v3.Sakobuvirus [77]

2014.017aV create species *Sakobuvirus A* in genus *Sakobuvirus* (new), family *Picornaviridae*

2014.017bV create a new genus in the family *Picornaviridae*

2014.017cV name the genus *Sakobuvirus*

2014.017dV designate *Sakobuvirus A* as type species of the new genus

2014.018a-dV.A.v3.Sicinivirus [78]

2014.018aV create species *Sicinivirus A* in genus *Sicinivirus* (new), family *Picornaviridae*

2014.018bV create a new genus in the family *Picornaviridae*

2014.018cV name the genus *Sicinivirus*

2014.018dV designate *Sicinivirus A* as type species of the new genus

All of the above taxonomic proposals were approved by the members who voted, mostly unanimously and always >96 %. The return rate of votes was approximately 69 %. These taxonomic changes are now part of the official ICTV taxonomy and represent changes to the taxonomy published in the Ninth Report [79] and are in addition to changes approved in February 2012 [80], February 2013 [81] and March 2014 [82]. An up-to-date list of all approved taxa can be found on the ICTV online web site: <http://www.ictvonline.org/msl.htm>.

The authors declare no conflicts of interest. None of work reported involved research on human participants or animals. All authors have contributed to this work and agreed to its publication.

References

1. Arif B, Herniou E, Thézé J, Nakai M, Takatsuka J (2014) ICTV taxonomic proposal 2013.002aI.A.v3.Betaentomopoxvirus_3sp. Create 3 new species in the genus *Betaentomopoxvirus*, family *Poxviridae*. http://www.ictvonline.org/proposals-14/2013.002aI.A.v3.Betaentomopoxvirus_3sp.pdf
2. Adams MJ (2014) ICTV taxonomic proposal 2014.001aI.A.v1.Entomopoxvirus-spcorr. Correct species names in the subfamily *Entomopoxvirinae*, family *Poxviridae*. <http://www.ictvonline.org/proposals-14/2014.001aI.A.v1.Entomopoxvirus-spcorr.pdf>
3. Harrison RL, Herniou EA, Theilmann DA, Becnel JJ, Arif B, Jehle JA, Burand JP, van Oers M (2014) ICTV taxonomic proposal 2014.002aI.A.v1.Alphabaculovirus-sprem. Remove 1 species from the genus *Alphabaculovirus*, family *Baculoviridae*. <http://www.ictvonline.org/proposals-14/2014.002aI.A.v1.Alpha baculovirus-sprem.pdf>
4. Rochon D, Scheets K, White A, Martelli G, Rubino L (2014) ICTV taxonomic proposal 2013.010a, bP.A.v2.Umbravirus-move. Move genus *Umbravirus* into family *Tombusviridae*. http://www.ictvonline.org/proposals-14/2013.010a,bP.A.v2.Umbravirus_move.pdf
5. Adams MJ, Adkins S, Bragard C, Gilmer D, Li D, MacFarlane SA, Man WS, Melcher U, Ratti C, Ryu KH (2014) ICTV taxonomic proposal 2014.001aP.A.v1.Tobamovirus_2sp. Create 2 new species in the genus *Tobamovirus*, family *Virgaviridae*. http://www.ictvonline.org/proposals-14/2014.001aP.A.v1.Tobamovirus_2sp.pdf
6. Verhoeven JThJ, Owens RA (2014) ICTV taxonomic proposal 2014.002aP.A.v1.Pospiviroid_sprem. Reclassification of *Mexican papita* viroid as a strain of *Tomato planta macho* viroid. http://www.ictvonline.org/proposals-14/2014.002aP.A.v1.Pospiviroid_sprem.pdf
7. Flores R, Verhoeven JThJ (2014) ICTV taxonomic proposal 2014.003aP.A.v2.Hostuviroid_sp. Create 1 new species in the genus *Hostuviroid*, family *Pospiviroidae*. http://www.ictvonline.org/proposals-14/2014.003aP.A.v2.Hostuviroid_sp.pdf
8. Verbeek M, Dullemans AM, van der Vlugt RAA (2014) ICTV taxonomic proposal 2014.004aP.A.v2.Torradovirus_sp. Create 1 new species in the genus *Torradovirus*, family *Secoviridae*, order *Picornavirales*. http://www.ictvonline.org/proposals-14/2014.004aP.A.v2.Torradovirus_sp.pdf
9. Rabenstein F, Adams MJ, Kreuze JF, Lopez-Moya JJ, Ohshima K, Stenger DC, Wang A, Wylie S, Zerbini FM (2014) ICTV taxonomic proposal 2014.005aP.A.v1.Tritimovirus_sp. Create 1 new species in the genus *Tritimovirus*, family *Potyviridae*. http://www.ictvonline.org/proposals-14/2014.005aP.A.v1.Tritimovirus_sp.pdf
10. Scheets K, Hernandez C, Jordan R, White A (2014) ICTV taxonomic proposal 2014.006aP.A.v2.Tombusviridae_4sp. Create 4 new species unassigned in the family *Tombusviridae*. http://www.ictvonline.org/proposals-14/2014.006aP.A.v2.Tombusviridae_4sp.pdf
11. Scheets K (2014) ICTV taxonomic proposal 2014.007aP.A.v1-Panicovirus_sp. Create 1 new species in the genus *Panicovirus*, family *Tombusviridae*. http://www.ictvonline.org/proposals-14/2014.007aP.A.v1.Panicovirus_sp.pdf
12. Scheets K, Melcher U (2014) ICTV taxonomic proposal 2014.008aP.A.v3.Tombusviridae_sp. Create 1 new species unassigned in the family *Tombusviridae*. http://www.ictvonline.org/proposals-14/2014.008aP.A.v3.Tombusviridae_sp.pdf
13. Rabenstein F, Adams MJ, Kreuze JF, Lopez-Moya JJ, Ohshima K, Stenger DC, Wang A, Wylie S, Zerbini FM (2014) ICTV taxonomic proposal 2014.009aP.A.v4.Potyvirus_12sp. Create 12 new species in the genus *Potyvirus*, family *Potyviridae*. http://www.ictvonline.org/proposals-14/2014.009aP.A.v4.Potyvirus_12sp.pdf
14. Geering ADW (2014) ICTV taxonomic proposal 2014.010a-dP.A.v2.Rosadnavirus. Create new genus with 1 new species in the family *Caulimoviridae*. <http://www.ictvonline.org/proposals-14/2014.010a-dP.A.v2.Rosadnavirus.pdf>
15. Geering ADW (2014) ICTV taxonomic proposal 2014.011aP.A.v2.Caulimovirus_sp. Create 1 new species in the genus *Caulimovirus*, family *Caulimoviridae*. http://www.ictvonline.org/proposals-14/2014.011aP.A.v2.Caulimovirus_sp.pdf
16. Geering ADW (2014) ICTV taxonomic proposal 2014.012aP.A.v2.Badnavirus_7sp. Create 7 new species in the genus *Badnavirus*, family *Caulimoviridae*. http://www.ictvonline.org/proposals-14/2014.012aP.A.v2.Badnavirus_7sp.pdf
17. Elbeaino T (2014) ICTV taxonomic proposal 2014.013aP.A.v2.Emaravirus_sp. Create 1 new species in the genus *Emaravirus*. http://www.ictvonline.org/proposals-14/2014.013aP.A.v2.Emaravirus_sp.pdf
18. Kropinski AM, Lavigne R, Adriaenssens E, Nash J (2014) ICTV taxonomic proposal 2012.002a-dB.A.v3.Corndoglikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2012.002a-dB.A.v3.Corndoglikevirus.pdf>
19. Kropinski AM, Lavigne R, Adriaenssens E (2014) ICTV taxonomic proposal 2012.003a-dB.A.v3.D3112likevirus. Create new genus with 8 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2012.003a-dB.A.v3.D3112likevirus.pdf>
20. Dyal-Smith M, Porter K, Tang S-L, Pawlowski A, Rissanen I, Bamford JKH, Krupovic M, Jalasvuori M (2014) ICTV taxonomic proposal 2013.001a-oB.A.v5.Sphaerolipoviridae. Create a new family *Sphaerolipoviridae* with 3 new genera and 6 new species. <http://www.ictvonline.org/proposals-14/2013.001a-oB.A.v5.Sphaerolipoviridae.pdf>
21. Pawlowski A, Rissanen I, Bamford JKH, Krupovic M, Jalasvuori M (2014) Gammasphaerolipovirus, a newly proposed bacteriophage genus, unifies viruses of halophilic archaea and thermophilic bacteria within the novel family Sphaerolipoviridae. *Arch Virol* 159:1541–1554
22. Kropinski AM, Lavigne R, Ackermann H-W, Szymanski C, Javed MA, Connerton I, Timms A, Azeredo J, Carvalho CM, Hertwig S, Hammerl JA (2014) ICTV taxonomic proposal 2013.004a-kB.A.v4.Eucampyvirinae. Create 2 new genera with 4 and 3 new species in a new subfamily in the family *Myoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.004a-kB.A.v4.Eucampyvirinae.pdf>
23. Javed MA, Ackermann HW, Azeredo J, Carvalho CM, Connerton I, Evoy S, Hammerl JA, Hertwig S, Lavigne R, Singh A,

- Szymanski CM, Timms A, Kropinski AM (2014) A suggested classification for two groups of Campylobacter myoviruses. *Arch Virol* 159:181–190
24. Adriaenssens E, Kropinski AM, Lavigne R, Horsburgh M (2014) ICTV taxonomic proposal 2013.005a-dB.A.v3.Phiiflikevirus. Create new genus with 3 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.005a-dB.A.v3.Phiiflikevirus.pdf>
 25. Adriaenssens E, Kropinski AM, Lavigne R, Van Melderen L (2014) ICTV taxonomic proposal 2013.006a-dB.A.v3.Iebhlikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.006a-dB.A.v3.Iebhlikevirus.pdf>
 26. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.007a-dB.A.v3.Halolikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.007a-dB.A.v3.Halolikevirus.pdf>
 27. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.008a-dB.A.v3.Che8likevirus. Create new genus with 28 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.008a-dB.A.v3.Che8likevirus.pdf>
 28. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.009a-dB.A.v3.Bignuzlikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.009a-dB.A.v3.Bignuzlikevirus.pdf>
 29. Adriaenssens E, Kropinski AM, Lavigne R, Coffey A (2014) ICTV taxonomic proposal 2013.010a-dB.A.v3.Phijlunlikevirus. Create new genus with 3 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.010a-dB.A.v3.Phijlunlikevirus.pdf>
 30. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.011a-dB.A.v3.Barnyardlikevirus. Create new genus with 4 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.011a-dB.A.v3.Barnyardlikevirus.pdf>
 31. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.012a-dB.A.v3.Charlielikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.012a-dB.A.v3.Charlielikevirus.pdf>
 32. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.013a-dB.A.v3.Che9clikevirus. Create new genus with 3 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.013a-dB.A.v3.Che9clikevirus.pdf>
 33. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.014a-dB.A.v3.Cjwunlikevirus. Create new genus with 9 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.014a-dB.A.v3.Cjwunlikevirus.pdf>
 34. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.015a-dB.A.v3.D3likevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.015a-dB.A.v3.D3likevirus.pdf>
 35. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.016aB.A.v3.L5likevirus_62sp. Create 62 new species in the genus L5likevirus, family *Siphoviridae*, order *Caudovirales*. http://www.ictvonline.org/proposals-14/2013.016aB.A.v3.L5likevirus_62sp.pdf
 36. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.017a-dB.A.v3.Bronlikevirus. Create new genus with 4 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.017a-dB.A.v3.Bronlikevirus.pdf>
 37. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.018a-dB.A.v3.Omegalikevirus. Create new genus with 6 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.018a-dB.A.v3.Omegalikevirus.pdf>
 38. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.019a-dB.A.v4.Pbiunalikevirus. Create new genus with 1 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.019a-dB.A.v4.Pbiunalikevirus.pdf>
 39. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.020a-dB.A.v4.Pgonelikevirus. Create new genus with 12 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.020a-dB.A.v4.Pgonelikevirus.pdf>
 40. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.021a-dB.A.v3.Reylikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.021a-dB.A.v3.Reylikevirus.pdf>
 41. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.022a-dB.A.v3.Tm4likevirus. Create new genus with 9 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.022a-dB.A.v3.Tm4likevirus.pdf>
 42. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.023a-dB.A.v3.C5likevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.023a-dB.A.v3.C5likevirus.pdf>
 43. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.024a-dB.A.v3.P23likevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.024a-dB.A.v3.P23likevirus.pdf>
 44. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.025a-dB.A.v3.Phicbklikevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.025a-dB.A.v3.Phicbklikevirus.pdf>
 45. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.026a-dB.A.v3.Sap6likevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.026a-dB.A.v3.Sap6likevirus.pdf>
 46. Adriaenssens E, Kropinski AM, Lavigne R, Klumpp J (2014) ICTV taxonomic proposal 2013.027a-dB.A.v3.Tp2unlikevirus. Create new genus with 2 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.027a-dB.A.v3.Tp2unlikevirus.pdf>
 47. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.028a-dB.A.v3.Xp10likevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.028a-dB.A.v3.Xp10likevirus.pdf>
 48. Refardt D, Ackermann H-W, Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.029a-dB.A.v3.Hk578likevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.029a-dB.A.v3.Hk578likevirus.pdf>
 49. Ackermann H-W, Adriaenssens E, Moineau S, Kropinski AM, Lavigne R, De Lappe N (2014) ICTV taxonomic proposal 2013.030a-dB.A.v3.Jerseylikevirus. Create new genus with 6 new species in the family *Siphoviridae*, order *Caudovirales*.

- <http://www.ictvonline.org/proposals-14/2013.030a-dB.A.v3.Jerseylikevirus.pdf>
50. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.031a-dB.A.v3.Phie125likevirus. Create new genus with 3 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.031a-dB.A.v3.Phie125likevirus.pdf>
 51. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.032a-dB.A.v3.Wbetalikevirus. Create new genus with 1 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.032a-dB.A.v3.Wbetalikevirus.pdf>
 52. Adriaenssens E, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.033aB.A.v3.PhiC3unalikeviruses_2sp. Create 2 new species in the genus *PhiC3unalikevirus*, family *Siphoviridae*, order *Caudovirales*. http://www.ictvonline.org/proposals-14/2013.033aB.A.v3.PhiC3unalikeviruses_2sp.pdf
 53. Adriaenssens E, Kropinski AM, Lavigne R, Nash J (2014) ICTV taxonomic proposal 2013.034a-dB.A.v4.Sfi1unalikevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.034a-dB.A.v4.Sfi1unalikevirus.pdf>
 54. Adriaenssens E, Kropinski AM, Lavigne R, Edwards R (2014) ICTV taxonomic proposal 2013.035a-dB.A.v3.Skunalikevirus. Create new genus with 17 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.035a-dB.A.v3.Skunalikevirus.pdf>
 55. Adriaenssens E, Kropinski AM, Lavigne R, Nash J, Moineau S, Brüßow H (2014) ICTV taxonomic proposal 2013.036a-dB.A.v3.Sfi21dtunalikevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.036a-dB.A.v3.Sfi21dtunalikevirus.pdf>
 56. Temple LM, Kropinski AM, Lavigne R, Adriaenssens E (2014) ICTV taxonomic proposal 2013.037a-dB.A.v3.Andromedalikevirus. Create new genus with 8 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.037a-dB.A.v3.Andromedalikevirus.pdf>
 57. Kropinski AM, Adriaenssens E, Lavigne R, Gill J, Dennis J (2014) ICTV taxonomic proposal 2013.038a-dB.A.v4.Bcep22likevirus. Create new genus with 4 new species in the family *Podoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.038a-dB.A.v4.Bcep22likevirus.pdf>
 58. Ryu S, Kropinski AM, Lavigne R, Hendrix R, Casjens S, Adriaenssens E (2014) ICTV taxonomic proposal 2013.039a-dB.A.v3.Chilikevirus. Create new genus with 5 new species in the family *Siphoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.039a-dB.A.v3.Chilikevirus.pdf>
 59. Ackermann H-W, Kropinski AM, Adriaenssens E, Lavigne R (2014) ICTV taxonomic proposal 2013.040a-dB.A.v4.F116likevirus. Create new genus with 2 new species in the family *Podoviridae*, order *Caudovirales*. <http://www.ictvonline.org/proposals-14/2013.040a-dB.A.v4.F116likevirus.pdf>
 60. Adriaenssens E, Gutiérrez D, García P, Kropinski AM, Lavigne R (2014) ICTV taxonomic proposal 2013.042a-IB.A.v3.Siphoviridae_3gen. Create 3 new genera with 6, 3 and 31 new species in the family *Siphoviridae*, order *Caudovirales*. http://www.ictvonline.org/proposals-14/2013.042a-IB.A.v3.Siphoviridae_3gen.pdf
 61. Gutiérrez D, Adriaenssens EM, Martínez B, Rodríguez A, Lavigne R, Kropinski AM, García P (2014) Three proposed new bacteriophage genera of staphylococcal phages: “3alikevirus”, “77likevirus” and “Phi21alikevirus”. *Arch Virol* 159:389–398
 62. Li D, Yu X, Liang M (2014) ICTV taxonomic proposal 2013.004aV.A.v2.Phlebovirus_sp. Create 1 new species in the genus *Phlebovirus*, family *Bunyaviridae*. http://www.ictvonline.org/proposals-14/2013.004aV.A.v2.Phlebovirus_sp.pdf
 63. Tu C, He B (2014) ICTV taxonomic proposal 2014.001aV.A.v1.Orthohepadnavirus_sp. Create 1 new species in the genus *Orthohepadnavirus*, family *Hepadnaviridae*. http://www.ictvonline.org/proposals-14/2014.001aV.A.v1.Orthohepadnavirus_sp.pdf
 64. Matthijnsens J, Johne R, Desselberger U (2014) ICTV taxonomic proposal 2014.002aV.A.v2.Rotavirus_3sp. Create 3 new species in the genus *Rotavirus*, family *Reoviridae*. http://www.ictvonline.org/proposals-14/2014.002aV.A.v2.Rotavirus_3sp.pdf
 65. Pappu HR, Bag S (2014) ICTV taxonomic proposal 2014.004aV.A.v2.Tospovirus_sp. Create 1 new species in the genus *Tospovirus*, family *Bunyaviridae*. http://www.ictvonline.org/proposals-14/2014.004aV.A.v2.Tospovirus_sp.pdf
 66. Jain RK, Mandal B, Pappu HR, Holkar SK (2014) ICTV taxonomic proposal 2014.005aV.A.v2.Tospovirus_sp. Create 1 new species in the genus *Tospovirus*, family *Bunyaviridae*. http://www.ictvonline.org/proposals-14/2014.005aV.A.v2.Tospovirus_sp.pdf
 67. Tesh RB, Ghedin E, Vasilakis N, Rogers MB, Cui L, Fitch A, Popov V, Pravassos da Rosa APA (2014) ICTV taxonomic proposal 2014.007aV.A.v2.Nyavirus_sp. Create 1 new species in the genus *Nyavirus*, family *Nyamiviridae*, order *Mononegavirales*. http://www.ictvonline.org/proposals-14/2014.007aV.A.v2.Nyavirus_sp.pdf
 68. Purdy MA, Smith DB, Simmonds P, Emerson SU, Harrison T, Meng X-J, Okamoto H, van der Poel, WHM, Jameel S (2014) ICTV taxonomic proposal 2014.008a-hV.A.v6.Hepeviridae. Reorganization of the family *Hepeviridae*. <http://www.ictvonline.org/proposals-14/2014.008a-hV.A.v6.Hepeviridae.pdf>
 69. Kuhn JH, Dürrwald R, Bao Y, Briese T, Carbone K, Clawson AN, Garten W, Jahrling PB, Kolodziejek J, Rubbenstroth D, Schwemmler M, Tomonaga K, Weissenböck H, Nowotny N (2014) ICTV taxonomic proposal 2014.010a, bV.A.v2.Bornaviridae_spren. Create 4 new species and rename an existing species in the genus *Bornavirus*, family *Bornaviridae*. http://www.ictvonline.org/proposals-14/2014.010a,bV.A.v2.Bornaviridae_spren.pdf
 70. Kuhn JH, Dürrwald R, Bao Y, Briese T, Carbone K, Clawson AN, deRisi JL, Garten W, Jahrling PB, Kolodziejek J, Rubbenstroth D, Schwemmler M, Stenglein M, Tomonaga K, Weissenböck H, Nowotny N (2015) Taxonomic reorganization of the family *Bornaviridae*. *Arch Virol* 160:621–632
 71. Stenglein MD, DeRisi JL, Bao Y, Hepojoki J, Sironen T, Vapalahti O, Hetzel U (2014) ICTV taxonomic proposal 2014.011a-dV.A.v2.Reptarenavirus. Create new genus with 3 new species in the family *Arenaviridae*. <http://www.ictvonline.org/proposals-14/2014.011a-dV.A.v2.Reptarenavirus.pdf>
 72. Buchmeier MJ, Charrel R, Clegg CS, de la Torre JC, Emonet S, Gonzalez J-P, Kuhn JH, Lukashevich IS, Peters CJ, Radoshitzky SR, Romanowski V, Salvato MS (2014) ICTV taxonomic proposal 2014.012aV.A.v3.Arenavirus_ren. Rename genus and all species in the family *Arenaviridae*. http://www.ictvonline.org/proposals-14/2014.012aV.A.v3.Arenavirus_ren.pdf
 73. Bao Y, Buchmeier MJ, Charrel R, Clegg CS, de la Torre JC, Emonet S, Gonzalez J-P, Kuhn JH, Lukashevich IS, Peters CJ, Radoshitzky SR, Romanowski V, Salvato MS (2014) ICTV taxonomic proposal 2014.013aV.A.v3.Mammarenavirus_2sp. Create 2 new species in the genus *Arenavirus* (proposed *Mammarenavirus*), family *Arenaviridae*. http://www.ictvonline.org/proposals-14/2014.013aV.A.v3.Mammarenavirus_2sp.pdf
 74. Knowles NJ, Delwart E, Gorbalenya AE, Hovi T, Hyypiä T, King AMQ, Lindberg AM, Pallansch MA, Palmenberg AC, Reuter G, Simmonds P, Skern T, Stanway G, Yamashita T, Zell R (2014) ICTV taxonomic proposal 2014.014aV.A.v2.Cardiovirus_sp. Create 1 new species in the genus *Cardiovirus*, family *Picornaviridae*, order *Picornavirales*. http://www.ictvonline.org/proposals-14/2014.014aV.A.v2.Cardiovirus_sp.pdf

75. Knowles NJ, Delwart E, Gorbalenya AE, Hovi T, Hyypiä T, King AMQ, Lindberg AM, Pallansch MA, Palmenberg AC, Reuter G, Simmonds P, Skern T, Stanway G, Yamashita T, Zell R (2014) ICTV taxonomic proposal 2014.015a-dV.A.v3.Kunsagivirus. Create new genus with 1 new species in the family *Picornaviridae*, order *Picornavirales*. <http://www.ictvonline.org/proposals-14/2014.015a-dV.A.v3.Kunsagivirus.pdf>
76. Knowles NJ, Delwart E, Gorbalenya AE, Hovi T, Hyypiä T, King AMQ, Lindberg AM, Pallansch MA, Palmenberg AC, Reuter G, Simmonds P, Skern T, Stanway G, Yamashita T, Zell R (2014) ICTV taxonomic proposal 2014.016aV.A.v1.Picornaviridae_spren. Rename 12 species in the family *Picornaviridae*, order *Picornavirales*. http://www.ictvonline.org/proposals-14/2014.016aV.A.v1.Picornaviridae_spren.pdf
77. Knowles NJ, Delwart E, Gorbalenya AE, Hovi T, Hyypiä T, King AMQ, Lindberg AM, Pallansch MA, Palmenberg AC, Reuter G, Simmonds P, Skern T, Stanway G, Yamashita T, Zell R (2014) ICTV taxonomic proposal 2014.017a-dV.A.v3.Sakobuvirus. Create new genus with 1 new species in the family *Picornaviridae*, order *Picornavirales*. <http://www.ictvonline.org/proposals-14/2014.017a-dV.A.v3.Sakobuvirus.pdf>
78. Knowles NJ, Delwart E, Gorbalenya AE, Hovi T, Hyypiä T, King AMQ, Lindberg AM, Pallansch MA, Palmenberg AC, Reuter G, Simmonds P, Skern T, Stanway G, Yamashita T, Zell R (2014) ICTV taxonomic proposal 2014.018a-dV.A.v3.Sicinivirus. Create new genus with 1 new species in the family *Picornaviridae*, order *Picornavirales*. <http://www.ictvonline.org/proposals-14/2014.018a-dV.A.v3.Sicinivirus.pdf>
79. King AMQ, Adams MJ, Carstens EB, Lefkowitz EJ (2011) Virus taxonomy. Ninth Report of the International Committee on Taxonomy of Viruses. Elsevier Academic Press, London, San Diego
80. Adams MJ, Carstens EB (2012) Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2012). *Arch Virol* 157:1411–1422
81. Adams MJ, King AMQ, Carstens EB (2013) Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2013). *Arch Virol* 158:2023–2030
82. Adams MJ, Lefkowitz EJ, King AMQ, Carstens EB (2014) Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2014). *Arch Virol* 159:2831–2841