Human Coronavirus-OC43

Offline yavarian 194.225.57.52 over 2 years ago

Hi Dear,

I can not find HCoV-OC43 in new ICTV taxonomy?

May I ask you help me?

Thanks a lot

Jila

Top Replies

Offline Eduardo Rodríguez-Román over 2 years ago +2

Hi Jila,


2008.98V...

Online admin over 2 years ago in reply to yavarian +1

If you look at the history link for the species Betacoronavirus 1, https://talk.ictvonline.org//taxonomy

Offline Eduardo Rodríguez-Román 164.41.132.60 over 2 years ago

Hi Jila,

In 2008 (please see ICTV codes: 2008.98V; 2008.100V; 2008.121V) in the Revision 2008.085-
126V, HCoV-OC43 and other species were united as a single species called Betacoronavirus 1.

2008.98V

"To assign the following as species in the new genus (Betacoronavirus, in 2008.097V): Betacoronavirus 1 (new) (comprised of existing species BCoV, HCoV-OC43, ECoV, HECoV, PHEV and of canine respiratory coronavirus, CrCoV)."

2008.100V

"A new species, Betacoronavirus 1, is proposed to accommodate previously established Betacoronavirus species of humans, cattle, swine and horses (Human enteric coronavirus; Human coronavirus OC43; Bovine coronavirus; Porcine hemagglutinating encephalomyelitis virus; Equine coronavirus) and a newly recognized virus of dogs (canine respiratory coronavirus; Erles et al., 2007)."

2008.121V

To remove (abolish) the following taxa:

"Species Human enteric coronavirus; Human coronavirus OC43; Bovine coronavirus; Porcine hemagglutinating encephalomyelitis virus; Equine coronavirus (these are to be united in a new species Betacoronavirus 1 in a new genus Betacoronavirus)."

So, since 2009 HCoV-OC43 is part of the species Betacoronavirus 1.

In the current release, you can see the HCoV-OC43 as:

Riboviria > Nidovirales > Cornidovirineae > Coronaviridae > Orthocoronavirinae > Betacoronavirus > Embecovirus > Betacoronavirus 1

All the best,
Eduardo.

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Offline yavarian 151.239.238.15 over 2 years ago in reply to Eduardo Rodríguez-Román

Hi Dear Eduardo,

Thanks a lot for your reply but I can not see the OC43 in Betacoronavirus proposal and taxonomy

Offline yavarian 151.239.238.15 over 2 years ago in reply to yavarian

Hi again dear Eduardo,

Offline yavarian 151.239.238.15 over 2 years ago in reply to yavarian
Hi Dear Eduardo,

Thanks so much. I got it, With best regards,

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Hi Dear Eduardo,

Thanks a lot for your help. I got it but why it is not written in the proposal for betacoronavirus 1?

With best regards,

Jila

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If you look at the history link for the species **Betacoronavirus**

Dear Professor,

Thanks so much for your prompt reply.

With best regards,

Jila