

Template for Taxonomic Proposal to the ICTV Executive Committee Creating Species in an existing genus

Code[†] **FT2003.093P.01** To designate the following viruses as species in the genus:

Necrovirus

belonging to the family[°] : *Tombusviridae*

Beet black scorch virus

[†] Assigned by ICTV officers

[°] leave blank if inappropriate or in the case of an unassigned genus

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Chair *Tombusviridae* SG

New Taxonomic Order

Order

Family *Tombusviridae*

Genus *Necrovirus*

Type Species *Tobacco necrosis virus A*

List of Species in the genus *Beet black scorch virus*

List of Tentative Species in the Genus

List of Unassigned Species in the Family

Argumentation to justify the designation of new species in the genus

Species demarcation criteria in the genus

Argumentation to justify the designation of new species in the genus

The complete genome sequence is now available for Beet black scorch virus. The genome organization of 3641 nucleotide BBSV single strand RNA is very similar to *Tobacco necrosis virus* in the genus Necrovirus. The polymerase has 67% and the capsid protein has 42% amino acid identity with *Tobacco necrosis virus D*, both of which are below the species demarcation criteria. BBSV is transmitted by a soil-fungus as are other species in the genus.

Genbank accession number [NC004452].

List of created Species in the genus

Beet black scorch virus

References

Cao, Y., Cai, Z., Ding, Q., Li, D., Han, C., Yu, J. and Liu, Y. (2002). The complete nucleotide sequence of beet black scorch virus (BBSV), a new member of the genus necrovirus. *Arch. Virol.*, **147**, 2431-2435.

Annexes: