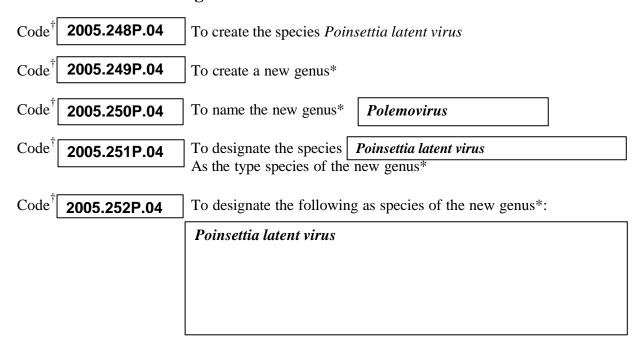
Template for Taxonomic Proposal to the ICTV Executive Committee To create a new Unassigned Genus



[†] Assigned by ICTV officers

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Old Taxonomic Order

Order Family Partitiviridae

Genus Alphacryptovirus

Type Species

Species in the Genus

Tentative Species in the Genus Poinsettia cryptic virus

New Taxonomic Order

Order

Family Genus Polemovirus

Type Species Poinsettia latent virus
Species in the Genus Poinsettia latent virus

Tentative Species in the Genus

^{*} repeat these lines and the corresponding arguments for each genus created in the family

ICTV-EC comments and response of the SG

This proposal highlights the need to re-examine relationships within the Luteoviridae-Tombusviridae-Sobemovirus group. However, this particular virus needs to be classified and		
is best placed in its own genus	S.	
Argumentation to choos	e the type	species in the genus
Only species		
Species demarcation crit	teria in the	e genus
Not applicable		
List of Species in the cre	ated genus	;
Poinsettia latent virus	(PnLV)	AJ867490
List of Tentative Species	in the cre	ated genus
None		

Argumentation to create a new species an genus:

The biochemical and genetic features of Poinsettia latent virus (PnLV, formerly named Poinsettia cryptic virus), which is spread worldwide in commercial cultivars of Euphorbia pulcherrima without inducing symptoms, have been determined using virus-purification, immunological techniques, electron microscopy, cloning, and sequencing. PnLV was found to be a chimeric virus with a single 4652 nt, plus strand RNA, showing a close relationship to poleroviruses within the first three quarters of its genome but to sobemoviruses in the last quarter. Thus, we propose to classify this virus as "polemovirus". Similarities of protein and nucleic acid sequences at the 5' and extreme 3' end of its RNA suggest a replication mode like that of poleroviruses, whereas the coat protein sequence is closely related to that of sobemoviruses. Consistent with these results, PnLV forms stable icosahedra of 34 nm in diameter.
Origin of the proposed genus name
Sigla from "Polerovirus" and "Sobemovirus" to indicate the chimeric nature of the virus
References
Aus dem Siepen M., Pohl J., Koo B.J., Wege C., Jeske H. (2005). Poinsettia latent virus is not a cryptic virus, but a natural polerovirus-sobemovirus hybrid. Virology 336: 240-250.

Annexes: