

The International Committee on Taxonomy of Viruses

Taxonomy Proposal Form, 2025

**Part 1a: Details of taxonomy proposals**

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| **Title:**  | Rename one species in the family *Bidnaviridae* |
| **Code assigned:**  | 2025.006D.v2.Bidnaviridae\_1rns |

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| **Author(s), affiliation and email address(es):**  |
| **Given name (+middle initial(s))** | **Surname** | **Affiliation**  | **Email address**  | **Corr. author(s)**  |
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| Varsani | Arvind | The Biodesign Center for Fundamental and Applied Microbiomics, Center for Evolution and Medicine, School of Life Sciences, Arizona State University, 1001 S. McAllister Ave, Tempe, AZ 85287-5001, USA | arvind.varsani@asu.edu | X |
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**Part 1b: Taxonomy Proposal Submission**

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| **ICTV Subcommittee:**  |
| Animal DNA Viruses and Retroviruses | **x** | Bacterial viruses |  |
| Animal minus-strand and dsRNA viruses |  | Fungal and protist viruses |  |
| Animal positive-strand RNA viruses |  | Plant viruses |  |
| Archaeal viruses |  | General - |  |

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| **List the ICTV Study Group(s) that have seen or have been involved in creating this proposal:**  |
| *Bidnaviridae* Study Group |

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| **Optional – complete only if formally voted on by an ICTV Study Group:**  |
| **Study Group** | **Number of members** |
| **Votes in support** | **Votes against** | **No vote** |
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| **Submission date:** |  11/06/2025 |

**Part 1c: Feedback from ICTV Executive Committee (EC) meeting**

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| **Executive Committee Meeting Decision code:** | **X** |
| A – Accept |  |
| Ac – Accept subject to revision by relevant subcommittee chair. No further vote required |  |
| U – Accept without revision but with re-evaluation and email vote by the EC |  |
| Uc – Accept subject to revision and re-evaluation and email vote by the EC |  |
| Ud – Deferred to the next EC meeting, with an invitation to revise based on EC comments |  |
| J - Reject |  |
| W - Withdrawn |  |

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| **Comments from the Executive Committee:** |
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**Part 1d: Revised Taxonomy Proposal Submission**

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| **Response of proposer:**  |
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| **Revision date:** |  |

**Part 3:** **TAXONOMIC PROPOSAL**

<https://ictv.global/taxonomy/templates>

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| **Taxonomic changes proposed:**  |
| Establish new taxon |  | Split taxon |  |
| Abolish taxon |  | Merge taxon |  |
| Move taxon |  | Promote taxon |  |
| Rename taxon | **x** | Demote taxon |  |
| Move and rename |  |

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| **Etymology (origin) of proposed taxonomic names:**  |
| **Taxon name**  | **Etymology of the term** |
| *Bidensovirus bombymori* | Epithet derived from concatenation of ***Bomby****x* ***mori*** the host of the bidensovirus |
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| **Permission for use of names derived from a living person:**  |
| **Taxon name** | **Full name of person from whom the name is derived** | **Attached**  |
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| **Abstract of Taxonomy Proposal:**  |
| *Taxonomic rank(s) affected*: Species*Description of current taxonomy*: *Monodnaviria; Shotokuvirae; Cossaviricota; Mouviricetes; Polivirales; Bidnaviridae; Bidensovirus; Bombyx mori bidensovirus**Proposed* *taxonomic change(s):* One species is renamed to conform to the binomial format mandated by the ICTV.*Justification*:*Bombyx mori bidensovirus* is the only species in the genus *Bidensovirus* (family *Bidnaviridae*)*.* This species name does not adhere to the binomial species naming format and thus here we propose to rename it to *Bidensovirus bombymori*.  |

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| * **Text of Taxonomy proposal:**
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| *Taxonomic rank(s) affected*: Species*Description of current taxonomy*: *Monodnaviria; Shotokuvirae; Cossaviricota; Mouviricetes; Polivirales; Bidnaviridae; Bidensovirus; Bombyx mori bidensovirus**Proposed* *taxonomic change(s)*: Rename species*Demarcation criteria:**Bombyx mori bidensovirus* is the only species in the genus *Bidensovirus* (family *Bidnaviridae*)*.* Hence*,* no species demarcation criteria currently exist in the genus *Bidensovirus.**Justification*: Species name is not in binomial format.  |

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| **References:**  |
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| **Accompanying files:**  |
| **Filename** | **Description of contents** |
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| **Tables, Figures:**  |

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