**SUPPLEMENTARY MATERIALS**

**Abbreviations used on the ArVirInd record pages:**

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| ARID  | Unique ArVirInd database ID e.g. AR-000001 |
| ARCN  | ArVirInd database Accession Number e.g. AR-000001 |
| DBXR  | Database cross reference (e.g., [AEL79837](https://www.ncbi.nlm.nih.gov/protein/AEL79837)) |
| VPRO  | Virus and Protein Names e.g., Dengue virus 1 Envelope protein (E-protein) |
| PDES  | Protein description e.g., Envelope glycoprotein |
| SORG  | Source Organism (e.g., Flaviviridae; Flavivirus;    Dengue virus type 1 strain: 62234) |
| HOST  | Host from which the strain was isolated. E.g., *Aedes aegypti* |
| YRCL  | Year of Collection or outbreak (e.g. 1962, if the year of the sample collection that resulted in virus strain isolation is 1962) |
| CNTR  | Country of Origin e.g., INDIA |
| AASQ | Amino Acid sequence in FASTA format. For example: >AR-000001MPCVGIGNRDFVEGLSGATWVDVVLEHGSCVTTMAKNKPTLDIELLKTEVTNPAVLRKLCIEAKISNTTTDSRCPTQGEATLVEEQDANFVCRRTFVDRGWGNGCGLFGKGSLLTCAKFKCVTKLEGKIVQYENLKYSVIVTVHTGFQHQVGNESTEHGTIATITPQAPTSEIQLTDYGALTLDCSPRTGLDFNEMVLLTMKEKSWLVHKQWFLDLPLPWTSGASTSQETWNRQDLLVTFKTAHAKKQEVVVLGSQEGAMHTALTGATEIQTSGTTTIFAGHLKSRVEMDKLTLKGMSYVMCTGSFKLEKEVAETQHGTVLVQVKYEGTDAPCKIPFSTQDEKGVTQNGRLITANPIVTDKEKPVNIETEPPFGESYIVVGAGEKALKLSWFKKGSSIGKMFEATARGARRMAILGDTAWDFGSIGGVFTSVGKLIHQVFGTAYGVLFSGVSWTMKIGIGILLTWLGLNSRSTSLSMTCIAVGVTLYLGVMVQA |
| ANSC | Antigenic score based on Vaxijen v2.0 analyses |
| BEPI  | List of Predicted B-cell epitopes (based on Kolaskar method) |
| NGLC  | List of N-linked glycosylation sites based on analyses using NetNGly1.0 |
| PDBX | Cross-reference with PDB for related protein structure |