Supplementary Table 1: Percentage nucleotide and amino acid similarity for each gene of Nipah virus with respect to the Nipah virus retrieved from human sequence of Bangladesh, India, 2004 (Accession Number: AY988601.1) outbreak.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **N** | **P** |  | **M** | **F** | **G** | **L** |
|   | **PNS** | **PAS** | **PNS** | **PAS** |  | **PNS** | **PAS** | **PNS** | **PAS** | **PNS** | **PAS** | **PNS** | **PAS** |
| MK575067.1\_NiV/BD/P.medius/EHA/2013/Raypur1409 | 99.7 | 99.8 | 99.2 | 99.2 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575061.1\_NiV/BD/P.medius/EHA/2013/Raypur1402 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575062.1\_NiV/BD/P.medius/EHA/2013/Raypur1403 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575064.1\_NiV/BD/P.medius/EHA/2013/Raypur1405 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575068.1\_NiV/BD/P.medius/EHA/2013/Raypur1410 | 99.7 | 99.8 | 99.2 | 99.2 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575065.1\_NiV/BD/P.medius/EHA/2013/Raypur1406 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| MK575069.1\_NiV/BD/P.medius/EHA/2013/Raypur1411 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.7 | 99.8 |
| MK575063.1\_NiV/BD/P.medius/EHA/2013/Raypur1404 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.7 | 99.8 |
| MK575070.1\_NiV/BD/P.medius/EHA/2013/Sylhet191 | 99.6 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.7 | 99.8 | 99.6 | 99.7 |
| MK575066.1\_NiV/BD/P.medius/EHA/2013/Raypur1408 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.9 |
| JN808864.1\_NIV/BD/2010/FARIDPUR | 99.7 | 99.6 | 99.6 | 99.7 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 |
| MK575060.1\_NiV/BD/P.medius/EHA/2013/Raypur1401 | 99.7 | 99.8 | 99.2 | 99.3 |  | 100.0 | 100.0 | 99.5 | 99.6 | 99.8 | 99.8 | 99.7 | 99.8 |
| JN808857.1\_NIV/BD/2008/MANIKGONJ | 99.4 | 99.8 | 99.3 | 99.3 |  | 99.8 | 100.0 | 99.0 | 99.5 | 99.6 | 100.0 | 99.2 | 99.7 |
| JN808863.1\_NIV/BD/2008/RAJBARI | 99.4 | 99.8 | 99.3 | 99.3 |  | 99.8 | 100.0 | 99.0 | 99.5 | 99.6 | 100.0 | 99.2 | 99.7 |
| FJ513078.1\_NiV/India/HU/2007/FG | 99.4 | 99.6 | 99.5 | 99.4 |  | 99.7 | 99.7 | 99.3 | 99.5 | 99.6 | 99.8 | 99.3 | 99.7 |
| MH396625.1\_NiV/India/HU/2018 | 98.7 | 99.2 | 98.2 | 98.2 |  | 98.9 | 100.0 | 98.4 | 99.5 | 98.2 | 99.0 | 98.2 | 99.7 |
| MH523641.1\_NiV/India/HU/2018 | 98.7 | 99.2 | 98.2 | 98.2 |  | 98.9 | 100.0 | 98.4 | 99.5 | 98.2 | 99.0 | 98.2 | 99.7 |
| MH523640.1\_NiV/India/HU/2018 | 98.7 | 99.2 | 98.2 | 98.2 |  | 98.9 | 100.0 | 98.4 | 99.5 | 98.2 | 99.0 | 98.2 | 99.7 |
| MH523642.1\_NiV/India/HU/2018 | 98.7 | 99.2 | 98.2 | 98.0 |  | 98.9 | 100.0 | 98.4 | 99.5 | 98.2 | 99.0 | 98.2 | 99.7 |
| NiV/India/Bat/2019/572-9 | 98.9 | 99.4 | 98.3 | 98.3 |  | 99.0 | 100.0 | 98.2 | 99.5 | 97.9 | 98.5 | 98.1 | 99.6 |
| NiV/India/Bat/2019/572-5 | 98.7 | 99.1 | 98.3 | 98.4 |  | 98.9 | 100.0 | 98.2 | 99.5 | 97.9 | 98.7 | 98.1 | 99.6 |
| NiV/India/Bat/2019/41/7 | 98.7 | 99.1 | 98.3 | 98.4 |  | 99.0 | 100.0 | 98.2 | 99.5 | 97.9 | 98.7 | 98.1 | 99.6 |
| NiV/India/Bat/2019/574-4 | 98.5 | 99.1 | 98.1 | 98.2 |  | 99.0 | 100.0 | 98.0 | 99.1 | 98.1 | 98.8 | 98.2 | 99.7 |
| NiV/India/Bat/2019/572-10 | 97.8 | 97.7 | 98.3 | 98.3 |  | 98.9 | 100.0 | 98.2 | 99.5 | 97.9 | 98.8 | 98.0 | 99.6 |
| NiV/India/Bat/2019/574-6 | 98.6 | 99.2 | 98.2 | 98.3 |  | 99.0 | 100.0 | 98.1 | 99.1 | 98.2 | 99.0 | 98.1 | 99.5 |
| NiV/India/Bat/2019/574-5 | 98.6 | 99.2 | 98.1 | 98.2 |  | 98.8 | 99.7 | 98.0 | 99.1 | 98.0 | 99.1 | 98.1 | 99.6 |
| NiV/India/Bat/2019/43/7 | 98.1 | 97.3 | 98.2 | 98.2 |  | 98.8 | 99.7 | 98.1 | 99.5 | 97.6 | 97.9 | 97.7 | 98.8 |
| NiV/India/Bat/2019/572-6 | 98.2 | 97.7 | 98.2 | 98.4 |  | 98.0 | 99.0 | 98.4 | 99.6 | 97.7 | 98.5 | 97.9 | 99.4 |
| AY029768.1\_NiV/MY/HU/1999/UMMC2 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.4 | 98.3 |
| KY425655.1\_NiV/MY/HU/IRF0158 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| AJ564622.1\_NiV/MY/Pig/99/VRI-1413 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| KY425646.1\_NiV/MY/HU/1999/IRF0160 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| AJ564623.1\_NiV/MY/Pig/99/UM-0128 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.4 | 98.3 |
| AY029767.1\_NiV/MY/HU/1999/UMMC1 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| NC\_002728.1\_NiV/MY/HU/1999/CDC | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.5 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| AJ564621.1\_NV/MY/Pig/99/VRI-2794 | 94.3 | 98.3 | 92.0 | 91.9 |  | 93.4 | 98.9 | 93.4 | 98.5 | 93.0 | 95.7 | 93.5 | 98.3 |
| AJ627196.1\_NV/MY/Pig/99/VRI-0626 | 94.1 | 97.9 | 91.9 | 91.8 |  | 93.5 | 99.1 | 93.4 | 98.4 | 93.0 | 95.7 | 93.4 | 98.1 |
| FN869553\_NiV/MY/Bat/2008/Perek | 94.4 | 98.9 | 91.3 | 90.4 |  | 93.8 | 99.1 | 93.5 | 98.3 | 93.3 | 96.0 | 93.4 | 98.1 |
| AF376747.1\_NiV/MY/Pig/1999/VRI-0626 | 94.2 | 98.1 | 91.9 | 91.8 |  | 93.4 | 98.9 | 93.4 | 98.4 | 92.9 | 95.7 | NA | NA |

**Foot notes:**

**Color code: Black- Bangladesh sequences; Blue –Indian sequences; Purple – Malaysian sequences.**