**Supplementary Table.** GISAID accession numbers for Cambodian influenza sequences included in the phylogenetic trees

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| --- | --- | --- | --- | --- |
| **No** | **Gene** | **Virus type** | **Isolate name** | **GISAID Accession number** |
| 1 | HA gene of H1pdm  | H1N1pdm | A/CAMBODIA/Y0630302/2014 | EPI551356 |
| 2 | HA gene of H1pdm  | H1N1pdm | A/CAMBODIA/Y0721444/2014 | EPI551359 |
| 3 | HA gene of H1pdm  | H1N1pdm | A/Cambodia/0671/2014 | EPI541527 |
| 4 | HA gene of H1pdm  | H1N1pdm | A/Cambodia/Y1218309/2014 | EPI642414 |
| 5 | HA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0630301/2014 | EPI642372 |
| 6 | HA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721353/2014 | EPI642406 |
| 7 | HA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721354/2014-Ori-H1N1pdm | EPI642408 |
| 8 | HA gene of H3 | H3N2 | A/CAMBODIA/Y0721397/2014 | EPI551530 |
| 9 | HA gene of H3 | H3N2 | A/Cambodia/Y1218307/2014 | EPI629762 |
| 10 | HA gene of H3 | H3N2 | A/Cambodia/Y0721427/2014 | EPI642526 |
| 11 | HA gene of H3 | H3N2 | A/Cambodia/Y0813303/2014 | EPI642530 |
| 12 | HA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-Ori-H3N2 | EPI642515 |
| 13 | HA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2 reassort | EPI642517 |
| 14 | HA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MCDK-clone-P2-H3N2 reassort | EPI642520 |
| 15 | HA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2 | EPI642523 |
| 16 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721351/2014 | EPI642376 |
| 17 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0407303/2014 | EPI642370 |
| 18 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0630301/2014 | EPI642373 |
| 19 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721347/2014 | EPI642375 |
| 20 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721353/2014 | EPI642407 |
| 21 | NA gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721354/2014-Ori-H1N1pdm | EPI642409 |
| 22 | NA gene of H3 | H3N2 | A/Cambodia/Y0721427/2014 | EPI642527 |
| 23 | NA gene of H3 | H3N2 | A/Cambodia/Y0721438/2014 | EPI642528 |
| 24 | NA gene of H3 | H3N2 | A/Cambodia/Y0811312/2014 | EPI642529 |
| 25 | NA gene of H3 | H3N2 | A/Cambodia/Y1127315/2014 | EPI642531 |
| 26 | NA gene of H3 | H3N2 | A/Cambodia/Y1204313/2014 | EPI642532 |
| 27 | NA gene of H3 | H3N2 | A/Cambodia/X1126349/2014 | EPI642514 |
| 28 | NA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-Ori-H3N2 | EPI642516 |
| 29 | NA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2\_reassort |  EPI642518 |
| 30 | NA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P2-H3N2\_reassort | EPI642521 |
| 31 | NA gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2 | EPI642524 |
| 32 | NS gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721351/2014 | EPI642377 |
| 33 | NS gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721377/2014 | EPI642413 |
| 34 | NS gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721343/2014 | EPI642374 |
| 35 | NS gene of H1pdm  | H1N1pdm | A/CAMBODIA/Y0630302/2014 | EPI561941 |
| 36 | NS gene of H1pdm  | H1N1pdm | A/Cambodia/Y0721368/2014 | EPI642412 |
| 37 | NS gene of H1pdm  | H1N1pdm | A/Cambodia/Y0407303/2014 | EPI642371 |
| 38 | NS gene of H3 | H3N2 | A/Cambodia/1384/2014 | EPI575152 |
| 39 | NS gene of H3 | H3N2 | A/Cambodia/1370/2014 | EPI575338 |
| 40 | NS gene of H3 | H3N2 | A/Cambodia/1372/2014 | EPI575346 |
| 41 | NS gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2 | EPI642525 |
| 42 | NS gene of H3 | H3N2 | A/Cambodia/1244/2014 | EPI579361 |
| 43 | NS gene of H3 | H3N2 | A/Cambodia/870/2014 | EPI578852 |
| 44 | NS gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P1-H3N2\_reassort |  EPI642519 |
| 45 | NS gene of H3 | H3N2 | A/Cambodia/Y0721354/2014-MDCK-clone-P2-H3N2\_reassort | EPI642522 |