**Table S2** NCBI database isolates used for N-J tree.

|  |  |  |
| --- | --- | --- |
| Isolate name  | Geographic Location | ST |
| 1158 | Taiwan, China | ST65 |
| 4300STDY6470403 | Thailand | ST65 |
| cr-hvkp3 | Beijing, China | ST65 |
| EuSCAPE\_ES218 | Spain | ST65 |
| EuSCAPE\_IE037 | Ireland | ST65 |
| T2-1-1 | Malaysia | ST65 |
| TUM14087 | Japan | ST65 |
| TUM15669 | Singapore | ST65 |
| 329 | Beijing, China | ST23 |
| 1088 | Zhejiang, China | ST23 |
| 4300STDY6470398 | Thailand | ST23 |
| AP8555 | Jiangxi, China | ST23 |
| BA253 | India | ST23 |
| ED2 | Taiwan, China | ST23 |
| EuSCAPE\_AT028 | Austria | ST23 |
| EuSCAPE\_EE007  | Estonia | ST23 |
| EuSCAPE\_IT149 | Italy | ST23 |
| EuSCAPE\_TR229 | Turkey | ST23 |
| HS09565 | Shanghai, China | ST23 |
| ICIS-278\_PBV | Russia | ST23 |
| K950 | Jiangxi, China | ST23 |
| Kp\_Goe\_154414 | Germany | ST23 |
| SGH10 | Singapore | ST23 |
| TUM14005 | Japan | ST23 |
| WCHKP030209 | Sichuan, China | ST23 |
| UCI110 | USA | ST23 |
| UTSW\_Atlanta\_01 | USA | ST23 |