**Supplementary File S1: Country-wise strains from GISAID**

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| **Countries** | **Number of Sequences** |
| United Kingdom | 5414 |
| USA | 2378 |
| Australia | 1045 |
| Netherlands | 567 |
| Iceland | 565 |
| Belgium | 386 |
| China | 310 |
| France | 226 |
| Spain | 145 |
| Canada | 130 |
| Japan | 102 |
| Portugal | 100 |
| Germany | 86 |
| Luxembourg | 86 |
| Hong Kong | 62 |
| Taiwan | 61 |
| Russia | 49 |
| Switzerland | 48 |
| Singapore | 45 |
| India | 41 |
| Finland | 40 |
| Italy | 39 |
| Democratic Republic of the Congo | 38 |
| Brazil | 34 |
| South Korea | 33 |
| Czech Republic | 28 |
| Georgia | 28 |
| Norway | 26 |
| Senegal | 22 |
| Austria | 21 |
| Ireland | 14 |
| Mexico | 14 |
| Latvia | 10 |
| Qatar | 10 |
| Malaysia | 10 |
| Denmark | 9 |
| Uruguay | 9 |
| Kuwait | 8 |
| New Zealand | 8 |
| Vietnam | 8 |
| Thailand | 7 |
| Bangladesh | 7 |
| Chile | 7 |
| Poland | 7 |
| South Africa | 6 |
| Ghana | 6 |
| Turkey | 5 |
| Sweden | 4 |
| Greece | 4 |
| Ecuador | 4 |
| Estonia | 4 |
| Slovenia | 4 |
| Slovakia | 4 |
| Argentina | 3 |
| Hungary | 3 |
| Saudi Arabia | 3 |
| Algeria | 3 |
| Pakistan | 2 |
| Colombia | 2 |
| Belarus | 2 |
| Israel | 2 |
| Nigeria | 1 |
| Panama | 1 |
| Cambodia | 1 |
| Peru | 1 |
| Iran | 1 |
| Lithuania | 1 |
| Nepal | 1 |