Supplemental Data

Supplemental Table 1: List of published reports of confirmed re-infection cases (by Next Generation Genomic Sequencing) of COVID-19 across the world

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| Country (reference) | Number of cases, age, general health status | Interval period | Clinical description of 2 episodes |
| Hong Kong1 | 1, 33Y old immune-competent male | 148 days | 1st episode: Ct:30.5  2nd episode: Ct: 32 |
| USA (Nevada)2 | 1, 25Y old immune-competent male | 48 days | 1st episode: Ct:35.2  2nd episode: Ct: 35.3 |
| Belgium3 | 1, 51Y old female on daily inhaled steroids | 93 days | 1st episode: Ct:25.6  2nd episode: Ct: 32.6 |
| Ecuador4 | 1, 46Y old immune-competent male | 63 days | 1st episode: Ct:36.85 |
| India5 | 2, 25Y and 28 Y old immune-competent males | 108 days  111 days | First case  1st episode: Ct:36  2nd episode: Ct: 16.6  Second case  1st episode: Ct:28.16  2nd episode: Ct: 16.92 |
| India6 | 4, 27 Y, 31 Y and 27 Y old male and 24 Y female health care workers | 66 days  65 days  19 days  55 days | First case  1st episode: Ct:32  2nd episode: Ct: 25  Second case  1st episode: Ct: 33  2nd episode: Ct: 36  Third case  1st episode: Ct:36  2nd episode: Ct: 21  Fourth case  1st episode: Ct:32  2nd episode: Ct:17 |
| USA7 | 1, 60-69 Y, male | 140 days | 1st episode: Ct:26.5  2nd episode: Ct: 39.6 |
| Qatar8 | 4, 45-49 Y female, two 25-29 Y males, 40-44 Y male, | 88 days  46 days  71 days  55 days | First case  1st episode: Ct:36  2nd episode: Ct: 25  Second case  1st episode: Ct: 36  2nd episode: Ct: 28  Third case  1st episode: Ct: 17  2nd episode: Ct: 29  Fourth case  1st episode: Ct:30  2nd episode: Ct:32 |
| France9 | 1, 70 Y old immune competent male | 105 days | 1st episode: Ct:27  2nd episode: Ct: 18 |

Ct: Cycle Threshold; Y: years