

S2. Details of the sequences in NCBI Dataset. Information has been retrieved from https://www.ncbi.nlm.nih.gov/labs/virus/vssi/#/virus?SeqType_s=Nucleotide&VirusLineage_ss=Wuhan%20seafood%20market%20pneumonia%20virus,%20taxid:2697049

| Accession | Geo_Location | Collection_Date |
|-----------|--------------------------------|-----------------|
| MN908947 | China | 2019-12 |
| NC_045512 | China | 2019-12 |
| MT291829 | China: Wuhan | 12/30/2019 |
| MT186683 | Hong Kong | 2020-01 |
| MT270104 | Germany: Bavaria | 2020-01 |
| MT019533 | China: Hubei, Wuhan | 1/1/2020 |
| MN988669 | China | 1/2/2020 |
| MT093631 | China | 1/8/2020 |
| MN938384 | China: Shenzhen | 1/10/2020 |
| MT072688 | Nepal | 1/13/2020 |
| MT192773 | Viet Nam: Ho Chi Minh city | 1/22/2020 |
| MT039874 | China | 1/22/2020 |
| MT007544 | Australia: Melbourne, Victoria | 1/25/2020 |
| MT020880 | USA: WA | 1/25/2020 |
| MT192759 | Taiwan | 1/25/2020 |
| MT407653 | China: Zhejiang | 1/26/2020 |
| MT044258 | USA: CA | 1/27/2020 |
| MT012098 | India: Kerala State | 1/27/2020 |
| MT114415 | Hong Kong | 1/27/2020 |
| MT135042 | China: Beijing | 1/28/2020 |
| MT020781 | Finland | 1/29/2020 |
| MT039888 | USA: MA | 1/29/2020 |
| MT066156 | Italy | 1/30/2020 |
| MT066175 | Taiwan | 1/31/2020 |
| MT077125 | Italy | 1/31/2020 |
| MT121215 | China: Shanghai | 2/2/2020 |
| MT374101 | Taiwan | 2/4/2020 |
| MT446312 | China: Guangdong, Guangzhou | 2/5/2020 |
| MT093571 | Sweden | 2/7/2020 |
| MT106054 | USA: TX | 2/11/2020 |
| MT152824 | USA: Snohomish County, WA | 2/24/2020 |
| MT159716 | USA | 2/24/2020 |
| MT412134 | China | 2/24/2020 |
| MT233519 | Spain: Valencia | 2/27/2020 |
| MT304474 | South Korea | 2/27/2020 |
| MT370518 | Taiwan | 2/27/2020 |
| MT126808 | Brazil | 2/28/2020 |

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| MT582499 | Germany: Heinsberg | 2/28/2020 |
| MT304475 | South Korea | 2/29/2020 |
| MT320538 | France | 2020-03 |
| MT322394 | USA: VA | 2020-03 |
| MT163720 | USA: WA | 3/1/2020 |
| MT325565 | USA: FL | 3/2/2020 |
| MT240479 | Pakistan: Gilgit | 3/4/2020 |
| MT370842 | USA: NY | 3/4/2020 |
| MT188339 | USA: MN | 3/9/2020 |
| MT292571 | Spain | 3/9/2020 |
| MT320891 | Iran | 3/9/2020 |
| MT510999 | Netherlands: Leiden | 3/9/2020 |
| MT371048 | Sri Lanka | 3/10/2020 |
| MT252680 | USA: WA | 3/10/2020 |
| MT252683 | USA: WA | 3/10/2020 |
| MT512416 | USA | 3/10/2020 |
| MT678839 | South Korea | 3/11/2020 |
| MT246451 | USA: WA | 3/13/2020 |
| MT246461 | USA: WA | 3/13/2020 |
| MT246482 | USA: WA | 3/15/2020 |
| MT359865 | Spain | 3/15/2020 |
| MT507281 | USA | 3/15/2020 |
| MT510718 | USA | 3/15/2020 |
| MT500122 | Pakistan: Karachi | 3/16/2020 |
| MT507794 | Jamaica | 3/16/2020 |
| MT670018 | Chile | 3/17/2020 |
| MT679198 | USA: NY | 3/17/2020 |
| MT350282 | Brazil | 3/18/2020 |
| MT371049 | Sri Lanka | 3/19/2020 |
| MT371569 | Czech Republic | 3/19/2020 |
| MT372482 | Malaysia | 3/20/2020 |
| MT479226 | Taiwan | 3/20/2020 |
| MT371570 | Czech Republic | 3/21/2020 |
| MT520360 | USA: Massachusetts | 3/22/2020 |
| MT635445 | Russia: Moscow region | 3/22/2020 |
| MT637143 | Russia: Moscow region | 3/22/2020 |
| MT451195 | Australia: Victoria | 3/23/2020 |
| MT451207 | Australia: Victoria | 3/24/2020 |
| MT559038 | Tunisia: Ben Arous | 3/24/2020 |
| MT375429 | USA: ID | 3/29/2020 |
| MT293156 | USA: WA | 3/30/2020 |
| MT415904 | USA: VA | 2020-04 |
| MT511067 | Poland | 4/2/2020 |

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| MT461646 | USA: WA | 4/3/2020 |
| MT358637 | India: Rajkot | 4/5/2020 |
| MT358401 | USA: New Orleans, LA | 4/6/2020 |
| MT641731 | Australia: Victoria | 4/8/2020 |
| MT675958 | Turkey | 4/8/2020 |
| MT499210 | Poland | 4/11/2020 |
| MT435079 | India: Ahmedabad | 4/13/2020 |
| MT641759 | Australia: Victoria | 4/14/2020 |
| MT641776 | Timor-Leste | 4/14/2020 |
| MT605818 | Turkey | 4/16/2020 |
| MT435086 | India: Mansa | 4/21/2020 |
| MT435085 | India: Gandhinagar | 4/22/2020 |
| MT438739 | USA: CA | 4/22/2020 |
| MT396266 | Netherlands: Milheeze | 4/24/2020 |
| MT451881 | India: Ahmedabad | 4/26/2020 |
| MT577627 | USA: FL | 4/28/2020 |
| MT510690 | Egypt | 5/2/2020 |
| MT496992 | India: Ahmedabad | 5/3/2020 |
| MT502774 | Bangladesh | 5/13/2020 |
| MT539159 | Bangladesh | 5/21/2020 |
| MT601286 | Bangladesh: Dhaka | 6/1/2020 |
| MT614597 | Egypt | 6/2/2020 |
| MT635672 | Bangladesh | 6/7/2020 |
| MT039890 | South Korea | 2020-01 |