

2019 Wuhan Pneumonia Virus Genome Analysis & Symptoms Prediction
(2019-nCoV_HKU-SZ-002a_2020)
@Rivermap Research & Consulting LLC

This Symptom Prediction Report is created based on the HUE Charts generated by GENEIDO 0.9.

If you should have any question, please feel free to contact us at: info@rivermapsolution.com LINE/WhatsApp @Rivermap LLC

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|--------------------------------|---|
| Report Generation Date: | January 30, 2020 |
| Report Last Revision Date: | January 30, 2020 |
| Sequence Received (Date/Time): | January 30, 2020/4:29pm |
| Report Generated/Revised By: | Mai Wang |
| Software Version: | GENEIDO 0.9 |
| Pathogen: | 2019 Wuhan Pneumonia |
| DNA sequence: | >MN938384.1 Wuhan seafood market pneumonia virus isolate 2019-nCoV_HKU-SZ-002a_2020, complete genome (Jan 24, 2020) |
| Source: | NCBI Reference Sequence: MN938384.1 https://www.ncbi.nlm.nih.gov/nuccore/MN938384.1?report=fasta |
| Comment: | This sequence has the same first level HUE Charts as MN908947.2 (the China sequence submitted on Jan 14, 2020 but later removed from GENBANK). I noticed that this sequence was also submitted on Jan 14, 2020. However, their 2 nd level HUE Charts show slight difference in every phase indicates that the nucleotide sequences are very similar but not exactly the same. They show the same symptoms. |

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| HUE Charts of Complete Genome | Symptoms Predicted |
|---|--|
| <p style="text-align: center;">Heaven</p> <p style="text-align: center;">1 2 3 4 5 6 7 8</p> <p style="text-align: center;">— HA — HT — HC — HG</p> | <ul style="list-style-type: none"> • Fever and chill, mainly chill. • Aversion to wind and chill. • Headache • Cough • Profuse Sweating • Hair loss |
| <p style="text-align: center;">Human</p> <p style="text-align: center;">1 2 3 4 5 6 7 8</p> <p style="text-align: center;">— UA — UT — UC — UG</p> | <ul style="list-style-type: none"> • Chill with short term fever • Cough, Shortness of breath • Profuse sweating • Lower immunity, unstable WBC • Unstable blood pressure • Flaccid paralysis • Temporary fever dehydration and muscle pain • Myocarditis • Water retention, Diarrhea • Kidney problem • SHOCK (sudden decrease in WBC + sudden increase in blood pressure) |

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