

2019 Wuhan Pneumonia Virus Genome Analysis & Symptom Prediction
(2019-nCoV/USA-WA1/2020, 2019-nCoV/USA-AZ1/2020, 2019-nCoV/USA-CA2/2020)
@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 or LINE/WhatsApp @Rivermap LLC

Report Generation Date:	January 30, 2020
Sequence Received (Date/Time):	January 30, 2020/3:07pm
Report Generated/Revised By:	Mai Wang
Software Version:	GENEIDO 0.9
Pathogen:	2019 Wuhan Pneumonia Virus (2019-nCoV) in USA
DNA sequence:	2019-nCoV/USA-WA1/2020, 2019-nCoV/USA-AZ1/2020, 2019-nCoV/USA-CA2/2020
Source:	NCBI Reference Sequence: MN985325.1, MN997409.1, MN994468.1 https://www.ncbi.nlm.nih.gov/nuccore/MN985325.1?report=fasta https://www.ncbi.nlm.nih.gov/nuccore/MN997409.1?report=fasta https://www.ncbi.nlm.nih.gov/nuccore/MN994468.1?report=fasta
Comment:	These 3 sequences submitted from US and MN908947.3 (submitted on Jan 17, 2020 from China) have exactly the same HUE Charts indicates that they have the same sequence.

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HUE Charts of Complete Genome	Symptoms Predicted																																													
<p align="center">Heaven</p> <table border="1"> <caption>Heaven Genome Data (Approximate)</caption> <thead> <tr> <th>Position</th> <th>HA</th> <th>HT</th> <th>HC</th> <th>HG</th> </tr> </thead> <tbody> <tr><td>1</td><td>350</td><td>500</td><td>150</td><td>150</td></tr> <tr><td>2</td><td>350</td><td>550</td><td>150</td><td>150</td></tr> <tr><td>3</td><td>350</td><td>550</td><td>150</td><td>150</td></tr> <tr><td>4</td><td>350</td><td>400</td><td>200</td><td>200</td></tr> <tr><td>5</td><td>400</td><td>300</td><td>200</td><td>200</td></tr> <tr><td>6</td><td>400</td><td>400</td><td>150</td><td>150</td></tr> <tr><td>7</td><td>400</td><td>500</td><td>150</td><td>150</td></tr> <tr><td>8</td><td>400</td><td>400</td><td>200</td><td>200</td></tr> </tbody> </table>	Position	HA	HT	HC	HG	1	350	500	150	150	2	350	550	150	150	3	350	550	150	150	4	350	400	200	200	5	400	300	200	200	6	400	400	150	150	7	400	500	150	150	8	400	400	200	200	<ul style="list-style-type: none"> • Fever and chill, mainly chill • Loss of CNS and brain functions, may lead to coma • Headache • Cough • Sweating
Position	HA	HT	HC	HG																																										
1	350	500	150	150																																										
2	350	550	150	150																																										
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