

SARS-CoV-2 B.1.1.529 (Omicron) Analysis & Symptoms Prediction

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Sequence Source: <https://www.ncbi.nlm.nih.gov/nuccore/OL672836.1?report=fasta>
Software: GENEIDO 1.0
Software Functions: Pathogen genome analysis and symptoms prediction
Total Number of Complete Genome Analyzed: 1

Summary:

1. This analysis is based on the **first** Omicron strain uploaded on GENBANK (Nov 30, 2021), submitted by Rega Institute, Belgium.
2. This is still a SARS-CoV-2 (COVID-19) virus.
3. Its HUE Chart shows Type S2 pattern (one of the THREE Types found since February 2020). Please see my earlier reports. However, Omicron may also appear as Type S1 and S3 later, just like Delta.
4. Its symptoms are listed in Table 1. The symptoms should be mild just like Delta in the last few months (outside of India).
5. The symptoms are mostly fever and dryness (skin, mucous). Although fever may be more pronounced in summer and warm regions, dryness is more pronounced since late November 2021. Both fever and dryness will be subsided from late January 2022.
6. **Vaccines may alter the symptoms.** For example, if a person has myocarditis after vaccination and contracted with this strain later, his myocarditis symptom may be reduced. However, if a person has severe muscle weakness after vaccination, contracting this strain may make it worse.

Note: Delta exists in the form of Type S1, S2 and S3 although most of them after May 5, 2021 are Type S2.

What are the major contributors to the symptoms?

- Pathogen, constitution of your body, weather, diet, environment, vaccines

SARS-CoV-2 B.1.1.529 OL672836.1 (Type S2)	Potential Key symptoms
<p style="text-align: center;">Heaven</p> <p style="text-align: center;">Human</p> <p style="text-align: center;">Earth</p>	<ol style="list-style-type: none"> 1. Fever, may have rash 2. Dry skin, mucous in the beginning or during dry seasons 3. Shortness of breath 4. Fatigue 5. Muscle weakness, if severe may lead to paralysis but it could be temporary for most of the people 6. Unstable blood pressure 7. Decrease in WBC 8. Decrease in CNS & brain functions 9. Kidney damage 10. Unstable of steroid hormone can cause miscarriage 11. Liver failure 12. Spleen/Pancreatic damage 13. Diarrhea 14. Cough (may see dry cough first and phlegm developed later) 15. Lung edema

Table 1. HUE Charts of OL672836.1 & Symptoms Prediction