

**A Review on characterization of SARS-COVID-19-2 Omicron ( B.1.1.529)  
Variant of concern and its global perspective**

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## ABSTRACT

In this review, we summarize the researches on animal reservoirs of the SARS corona virus (SARS-CoV). Masked palm civets had been suspected because the foundation of the SARS outbreak in 2003 and turned into showed because the direct foundation of SARS instances with slight symptom in 2004. Sequence evaluation of the SARS-CoV-like virus in masked palm civets indicated that they had been exceedingly homologous to human SARS-CoV with, identification over 99.6%, indicating the virus has now no longer been circulating with inside the population of masked palm civets for a totally lengthy time. Alignment of 10 entire viral genome sequences from masked palm civets with the ones of human SARS-CoVs found out 26 conserved single-nucleotide variations (SNVs) with inside the viruses from masked palm civets. These conserved SNVs had been step by step misplaced from the genomes of viruses remoted from the early section to overdue section human sufferers of the 2003 SARS epidemic. In 2005, horseshoe bats had been recognized because the herbal reservoir of a set of corona viruses which can be distantly associated with SARS-CoV. The genome sequences of bat SARS-like corona virus had approximately 88–92% identification with that of the SARS-CoV. The incidence of antibodies and viral RNA in special bat species and the traits of the bat SARS-like corona virus had been elucidated. Apart from masked palm civets and bats, 29 different animal species were examined for the SARS-CoV, and the outcomes are summarized on this paper. Corona viruses (CoV) are a massive own circle of relatives of viruses inflicting a spectrum of sickness starting from the 22 not unusual place bloodless to greater intense illnesses as Middle East Respiratory Syndrome (MERS-CoV) and 23 Severe Acute Respiratory Syndrome (SARS-CoV). The current outbreak of corona virus sickness 24 2019 (COVID-19) has come to be a public fitness emergency worldwide. SARS-CoV-2, the virus 25 accountable for COVID-19, is unfolded through human-to-human transmission through droplets or direct 26 contact.

**Keywords:-** Corona, SARS-CoV, Epidemic, genomes, contact.

