

## SARS-CoV-2 similarity to bat-SARS-ZXC21

Original Version August 2022; Updated 20-January-2025

I thought you might find this interesting. I spent a full week in August 2022 looking over various RNA sequences in GenBank of the NIH. I found a very close match of COVID-19 to a bat virus with the exception of the spike coding region. COVID-19 appears to have been made from replacing the spike protein in the bat-SARS-ZXC21 with a spike toxic to humans. That spike is unique and does not match anything submitted to GenBank including MERS or SARS-CoV. The first figure shows how similar the amino acid sequences are between these two viruses at the beginning of the genome sequence. The second figure shows the similarity of SARS-CoV-2 to ZXC21, SARS-CoV and MERS at the region where the spike protein code begins. I obtained all the genetic codes from the acquisition codes listed from the NIH. I would not expect such a drastic change in matches right at the point where the spike protein begins.

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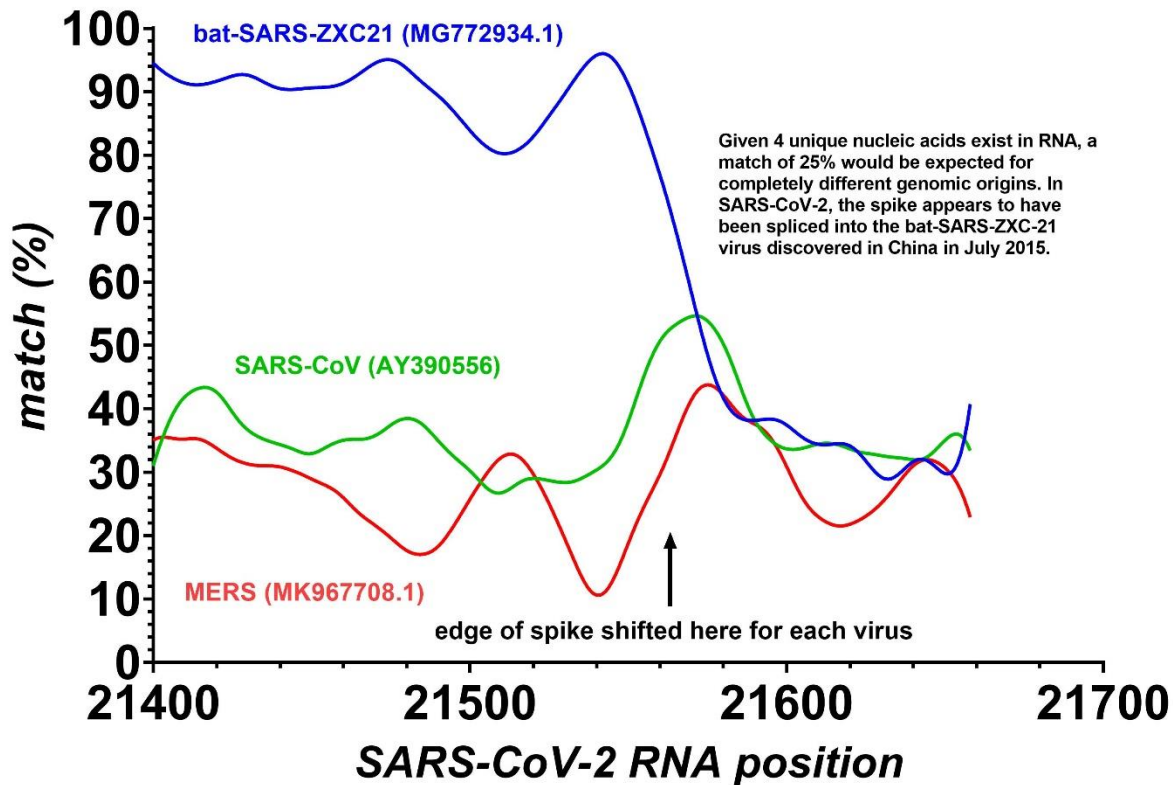
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TLGVLPVPHVGEVPVAYRKVLLRKNNGKAGGHSYGADLKSFDLGDELGTDPYEDFQEN TLGVLPVPHVGEIPVAYRKVLLRKNNGKAGGHSYGADLKSFDLGDELGTDPYEDFQEN

## SARS-CoV-2 Similarity to Other SARS Viruses



Also find the link below to a very interesting paper where a number of Chinese bat viruses were characterized and genomic sequences sent to the NIH GenBank in 2018.

<https://pubmed.ncbi.nlm.nih.gov/30209269/>

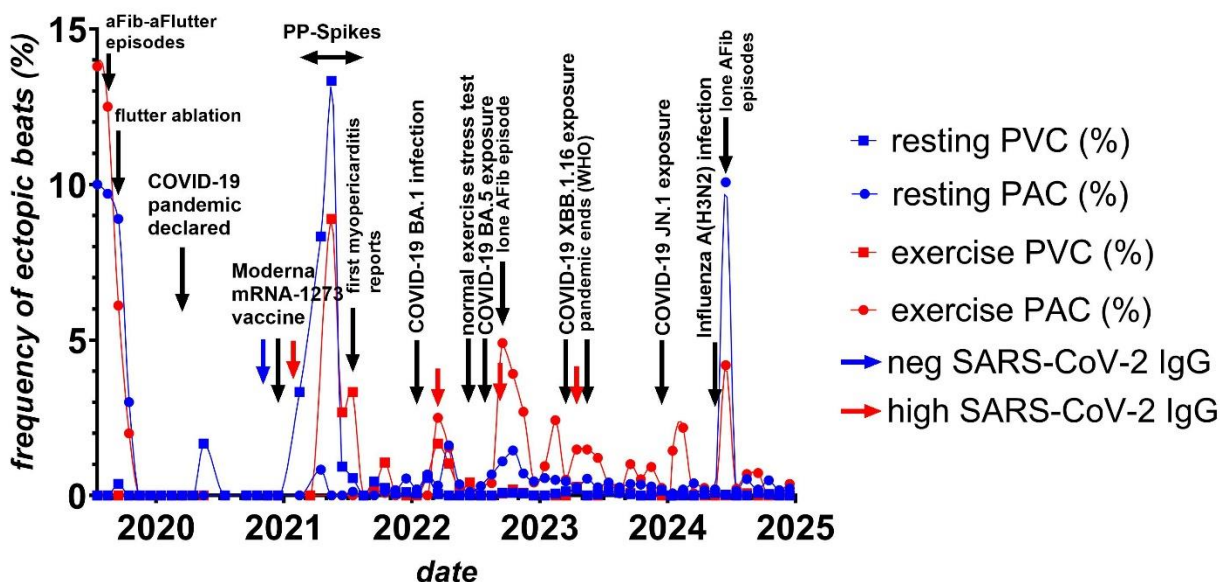
Take a look on Page 9 of that paper. It reads “Preparation of rabbit antiserum against two peptides. To obtain the polyclonal antibody of bat SL-CoV ZC45 N protein, two partial peptides with 15-amino acid residues of N protein were synthesized (Sangon Biotech, Shanghai, China) after a homology search according to the bioinformatics analysis and prediction of signal peptide (SignalIP-4.1), hydrophilicity and antigenicity of N protein...”

I suspect that the Chinese selected the ZXC21 (identical to ZC45 at the N protein region shown in Fig 1 of this paper) as a base template for COVID-19 because **they learned how to produce antibodies to target the N protein in the base template** rather than the spike protein. Presumably antibodies to this N protein would be a treatment for COVID-19 since this protein is the same for both infections. Antibodies to the spike protein of COVID-19 is possibly causing many of the problems patients develop following COVID-19 infections and/or mRNA vaccinations. At this time, China’s military is guarding the cave where this bat virus was discovered. It is their vaccine for the current strains plus future strains developed in their labs.

<https://www.businessinsider.com/china-policing-bat-caves-scientists-hope-coronavirus-clues-inside-2020-12>

Each time a person is exposed to the spike antigen, changes in the heart conduction can occur with the cardiac effect peaking at 3 months post exposure. The figure below shows changes in the ectopic heart beats following each exposure to the spike protein antigen. Similar effects also occur with other diseases including Rheumatic Fever and Chagas. Unfortunately, our vaccines are targeting the wrong part of the genetic sequence of COVID-19. They should be targeting the N protein. It cannot be ruled out that this virus may have been designed so that the spikes would lead to autoimmune responses.

## Ectopic Heart Beat Frequencies



### Protecting yourself from severe COVID-19 infections

China has shown that it had the ability to move spikes between different viruses as far back as 2004. The following paper shows China moved the spike from the original SARS virus to the HIV particle in 2004.

<https://pubmed.ncbi.nlm.nih.gov/15358126/>

The purpose of this research was to create a slowly replicating highly infectious virus that entered cells via the ACE2 receptor site in order to determine if the entry rate depended on the pH of the endosome. It is unclear if the spike placement made this virus airborne. Page 998 of this paper did report that the entry of viruses into the ACE2 receptor site is pH dependent with an increased entry rate with low endosomal pH. This provides a clue to protecting yourself from viruses such as COVID-19 that enter the cells via the ACE2 receptor site. Low pH is associated with poor mitochondrial health which forces the production of ATP from the anaerobic lactic acid producing pathway. Improving mitochondrial health is best achieved from encouraging low deuterium energy metabolism. This is best achieved by regular exercise and low deuterium food intake and avoidance of vitamin/mineral deficiencies. The following paper discusses techniques for assessing foods for low deuterium content.

<https://esmed.org/MRA/mra/article/view/2833>

In sum, the overall strategy is to avoid excessive carbohydrates and consume more seafoods and grass-fed animal meats. The best oils to include in the diet include olive oil, coconut and avocado oils.

Furthermore, deuterium has also been reported to stabilize viruses. A slide from a conference in Feb 2021 shows research groups are studying the effect of deuterium on viral infections.

## Viruses are stabilized by excess deuterium!

- The nucleocapsid protein in SARS-CoV-2 starts to unfold at 35 degrees Centigrade (95 degrees Fahrenheit) and is completely denatured at 55 degrees Centigrade (131 degrees Fahrenheit)\*
  - A fever is a natural defense against the virus
- Viruses take up deuterium and trap it in their protein coat and in their internal single strand of RNA\*\*
  - Deuterium stabilizes the viral protein and protects from temperature denaturation
  - The virus removes deuterium from the body fluids
- When the deuterium level in the body fluids is high, the virus becomes more stable

\*Milan Surjit and Sunil K Lal. Infection, Genetics and Evolution 8 (2008) 397-405.

\*\*Jiangsen MAO et al., Chinese Science Bulletin 2004 Vol. 49 No. 3 253-257.

Since we currently do not have any vaccines targeting the N protein of SARS-CoV-2 and those vaccines targeting the spike protein appear to lead to autoimmune responses, our best defense to these viruses include 1. a proper low carbohydrate, low deuterium diet with ample vitamins and minerals and 2. regular exercise.

In October 2022, I stumbled on the following Exposé article dated March 14, 2022 <https://expose-news.com/2022/03/14/documents-published-confirming-moderna-created-covid/> I confirmed the facts in this article and summarized them below. This article reveals the possible origin of the spike coding region for COVID-19.

Moderna has five U.S. Patents containing the proprietary genetic sequence CTACGTGCCCCGCCGAGGAG. These patents are **US9149506B2**, **US9216205B2**, **US9255129B2**, **US9301993B2** and **US9587003B2**. The first four were filed for patent on 16-Dec-2013 and the last one on 4-Feb-2016. The reverse complement of this sequence is CTCCTCGCGGGCACGTAG which can be found in the spike coding region of COVID-19 between bases 23501-23519(\*). This sequence codes for a Furin cleavage site. This match took some time to identify because it is the reverse complement that was patented. This is because their patent is listed as a DNA sequence and COVID-19 is the reverse complement mRNA of that DNA sequence. Also note that the patent sequence clearly indicates this sequence is an “Artificial Sequence” indicating it was generated in a laboratory.

The statistical chance that this sequence might occur randomly in SARS-CoV-2 is one in  $4^{19} / 30,000 = 9.1$  million where 4 is the number of nucleic acids (A,T,C,G), 19 is the length of the matching sequence above and 30,000 is the number of bases in the COVID-19 genome.

(\*) one sample has this at 23483-23501 due to a mutation in that sample.

Here is one example of that sequence in SEQ ID 11652 of US Patent 9587003 B2. The NIH Blast search results are attached.

**US Patent # US 9587003 B2 filed by Moderna and granted on Mar. 7, 2017.**

**SOURCE:** <https://seqdata.uspto.gov/?pageRequest=viewSequence&DocID=9587003B2&seqID=11652>

**Notice the 19 pair DNA sequence ctacgtgc ccgccgagga g that is bolded and underlined below. Search for this DNA sequence using the NIH BLAST tool link below:**

**[https://blast.ncbi.nlm.nih.gov/Blast.cgi?PROGRAM=blastn&PAGE\\_TYPE=BlastSearch&LINK\\_LOC=blasthome](https://blast.ncbi.nlm.nih.gov/Blast.cgi?PROGRAM=blastn&PAGE_TYPE=BlastSearch&LINK_LOC=blasthome)**

**The results are all SARS-CoV-2 entries! More specifically, these matches are to the "Furin Cleavage site" in the spike protein! Moderna has a total of 5 patents containing this DNA sequence dating back to patent applications made on Dec 16, 2013.**

SEQ ID NO 11652

LENGTH: 3387

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic coding sequence

SEQUENCE: 11652

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In summary, COVID-19 appears to have been made by inserting a laboratory generated weapons grade spike protein on the bat-SARS-ZXC21. The spike protein contains proprietary genetic sequences found in five separate U.S. pharmaceutical company patents. China's Wuhan laboratory then placed this spike onto the bat-SARS-ZXC21 since that unaltered virus can produce antibodies to the N-protein which is left unchanged once the spike is replaced. This allowed China to have a vaccine before the virus was released. However as of now, it is unclear if the release was accidental or deliberate. It is also unclear if the Chinese had a spy working for Moderna where the Furin cleavage site was developed. Finally, the best defense to protecting yourself from COVID-19 is a low deuterium diet with regular exercise which maintains a proper functioning immune system.

### **December 2022 Update**

A paper published in June 2022 did reveal that mutations are occurring within the nucleocapsid N-protein which no longer allows the bat-SARS-ZXC21 to provide immunity to SARS-CoV-2.

<https://pubmed.ncbi.nlm.nih.gov/35728038/>

As of December 2022, China has been experiencing an upsurge in COVID-19 cases. However, they are refusing Western Vaccines possibly because they know the spike proteins induce autoimmune responses against our organs. <https://www.reuters.com/world/china/chinas-xi-unwilling-accept-vaccines-despite-threat-protests-us-intel-2022-12-04/>

### **January 2023 Update**

By January 2023, China reported that 80% of their population was infected with COVID-19.

<https://www.cnn.com/2023/01/21/china-says-covid-outbreak-has-infected-80percent-of-population.html>

### **February 26, 2023 Update**

The U.S. Department of Energy (DOE) concludes that the COVID-19 virus was made in a laboratory.

<https://www.washingtonexaminer.com/policy/healthcare/coronavirus-most-likely-originated-lab>

### **September 12, 2023 Update**

A CIA whistleblower came forth to report that CIA agents studying the origin of COVID-19 were bribed to report that it was not of a laboratory origin. The CIA agents reportedly believed that the origin was the WUHAN laboratory.

<https://www.msn.com/en-us/news/other/cia-whistleblower-s-bombshell-claim-about-covid-conspiracy/ar-AA1gCpui>

### **September 27, 2023 Update**

Dr. Anthony Fauci reportedly visited the CIA Headquarters in D.C. to influence the origin of the COVID-19 coronavirus.

<https://www.washingtonexaminer.com/policy/healthcare/gop-demands-information-fauci-visit-cia-covid-investigation>

### **May 16, 2024 Update**

The NIH finally admits to funding gain-of-function research in Wuhan, China.

<https://www.msn.com/en-us/health/medical/nih-official-finally-admits-taxpayers-funded-gain-of-function-research-in-wuhan-after-years-of-denials/ar-BB1mwclR>

### **May 22, 2024 Update**

The NIH's Dr. Anthony Fauci is suspected of improperly concealing documents pertaining to the origins of the COVID-19 pandemic.

<https://www.msn.com/en-us/news/politics/fauci-advisers-alleged-destruction-of-covid-origin-docs-must-be-probed-by-ag-rand-paul/ar-BB1mRkzd>

### **June 3, 2024 Update**

Table 5 indicates the 88% similarity of the SARS-CoV-2 genome to the Bat-SL-CoV-ZC45 and Bat-SL-CoV-ZXC21 genomes was already known to Saudi Arabia researchers in Jan 2021.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7834485/>

### **December 13, 2024 Update**

US President Joe Biden is considering issuing Anthony Fauci a preemptive pardon for any wrong doing surrounding the COVID-19 pandemic. If issued, a pardon would indicate that wrong doing did take place.

<https://www.msn.com/en-au/news/other/anthony-fauci-being-issued-pardon-would-be-hugely-divisive/ar-AA1vMFGF>

### **January 20, 2025 Update**

US President Joe Biden pardoned Anthony Fauci on his last day in the White House suggesting Anthony Fauci broke the law in his role in the COVID-19 pandemic. The pardon was backdated to 2014 when President Obama banned gain-of-function research but Fauci continued to fund this type of research.

<https://www.msn.com/en-us/news/politics/biden-issues-preemptive-pardons-to-milley-fauci-jan-6-panel-members/ar-AA1xw0hO>



# Dr. Paul Sends Letter to DOJ Urging Investigation into Misconduct of Top Fauci Advisor

**WASHINGTON, D.C.** – Today, U.S. Senator Rand Paul (R-KY), Ranking Member of the Senate Homeland Security and Governmental Affairs Committee, sent a letter to the U.S. Department of Justice (DOJ) Attorney General Merrick Garland requesting an investigation into the alleged improper concealment and intentional destruction of records by Dr. David Morens, Senior Advisor to the Director at the National Institutes of Health (NIH). The letter describes [emails obtained](#) by the House Select Subcommittee on the Coronavirus Pandemic providing substantial evidence of Dr. Morens violating federal law by concealing and destroying records relating to the origins of COVID-19. The emails also show Dr. Morens admitting to improperly using his personal email address to evade Freedom of Information Act (FOIA) requests. Additionally, the letter details newly revealed emails indicating the NIH FOIA office assisted Dr. Morens in his efforts of unlawfully destroying records and evading public oversight. As a result, Dr. Paul requested the DOJ open an investigation into Dr. Morens and, if substantiated, ensure that he is held accountable to the fullest extent of the law.

You can read the full letter sent to Attorney General Garland [HERE](#) or below:

*Dear Attorney General Garland:*

*I write to urge the U.S. Department of Justice (DOJ) to open an investigation into the alleged improper concealment and intentional destruction of records by Dr. David Morens, Senior Advisor to the Director at the National Institutes of Health (NIH). Additionally, I request you investigate allegations that employees within NIH's FOIA office may have conspired with Dr. Morens to evade public records retention laws.*

*Under 18 U.S.C. §2071, an individual who “willfully and unlawfully” conceals, removes or destroys a federal record can be fined and imprisoned for up to three years. The statute also applies to attempts to conceal, remove, or destroy a federal record.*

*Emails obtained by the House Select Subcommittee on the Coronavirus Pandemic provide significant evidence that Dr. Morens unlawfully destroyed federal records relating to the origins of COVID-19 and improperly used his personal email address to evade federal records laws. For example, Dr. Morens wrote, “[a]s you know, I try to always communicate on gmail because my NIH email is FOIA’d constantly”. Dr. Morens went on to say his personal email account had been compromised by a security breach and he would be forced to temporarily communicate from a NIH email account, stating “[d]on’t worry, just send to any of my addresses and I will delete anything I don’t want to see in the New York Times.”*

*Moreover, newly revealed emails suggest a broader conspiracy within the NIH FOIA office to assist Dr. Morens in unlawfully destroying records and evading public records laws. In an email to Peter Daszak, Dr. Morens wrote, "I learned from our NIH FOIA lady here how to make emails disappear after I am FOIA but before the search starts so I think we're all safe. Plus I deleted most of those earlier emails after sending them to Gmail." He also wrote, "[w]e are all smart enough to know to never have smoking guns and if we did we wouldn't put them in emails. And if we found them we'd delete them."*

*These emails provide strong evidence that Dr. Morens violated federal law by concealing and destroying federal records. It is imperative that your Department investigate the allegations against Dr. Morens and, if substantiated, ensure that he is held accountable to the fullest extent of the law.*

*For this reason, I request you provide my office with the following information no later than 5:00 PM on June 4, 2024:*

*Has the Department opened an investigation into the allegations against Dr. Morens?*

*If so, please provide the date the investigation was opened and the current status.  
If not, please explain why not.*

*Has the Department received a referral related to the allegations against Dr. Morens from the National Archives Records Administration, NIH, HHS OIG, or any other federal entity?*

*I look forward to your timely response.*

*###*