

**COVID-19 Information**

[Public health information \(CDC\)](#), [Research information \(NIH\)](#), [SARS-CoV-2 data \(NCBI\)](#)
[Prevention and treatment information \(HHS\)](#), [Español](#)



PATENT SUMMARY

Coronavirus isolated from humans

Patent	US-7776521-B1	
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Assignee	US HEALTH (US)	
Dates	Grant	Priority
	2010/08/17	2003/04/25
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1 Abstract



Disclosed herein is a newly isolated human coronavirus (SARS-CoV), the causative agent of severe acute respiratory syndrome (SARS). Also provided are the nucleic acid sequence of the SARS-CoV genome and the amino acid sequences of the SARS-CoV open reading frames, as well as methods of using these molecules to detect a SARS-CoV and detect infections therewith. Immune stimulatory compositions are also provided, along with methods of their use.

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2 Full Text



USPTO

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&p=1&u=/netahtml/PTO/srchnum.html&r=1&f=G&l=50&d=PALL&s1=7776521.PN>.

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3 Important Dates



3.1 Priority Date



2003/04/25

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3.2 Filing Date



2007/05/14

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3.3 Publication Date



2010/08/17

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3.4 Grant Date



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6 Linked Chemicals



6.1 PubChem Compounds



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6.2 PubChem Substances



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7 Linked Proteins



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8 Linked Genes



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9 Linked Taxonomies



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10 Patent Family



[US-7220852-B1](#)

US-7776521-B1

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11 Classifications



11.1 IPC



C07H21/00 (inventive)

C12N15/50 (inventive)

C12Q1/70 (inventive, first)

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11.2 CPC



C12N7/00 (inventive)

C12N2770/20022

C12N2770/20021

C12N2770/20034

A61K39/215 (inventive)

C07K14/005 (inventive, first)

A61K39/12 (inventive)

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13 Cited By



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14 Similar Patents



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15 Information Sources



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