

COVID-19

Protein Target Thesaurus

| ID | CAS RN | Preferred Name | Synonyms |
|----|-------------|------------------------------|---|
| 1 | 141760-45-4 | Proteinase Furin | Proteinase Furin Furin (enzyme) PACE Furin Paired basic amino acid converting enzyme Paired basic amino acid cleaving enzyme Serine proteinase PACE Saccharomyces cerevisiae gene QDS1 proteinase PACE-furin protease Serine proteinase PCSK3 E.C. 3.4.21.75 EC 3.4.21.75 |
| 2 | 9026-28-2 | RNA-dependent RNA polymerase | RNA-dependent RNA polymerase Nucleotidyltransferase, ribonucleate, RNA-dependent Ribonucleic acid-dependent ribonucleic acid polymerase Ribonucleic replicase Ribonucleic acid replicase RNA replicase RNA-dependent ribonucleate nucleotidyltransferase Ribonucleic acid-dependent ribonucleate nucleotidyltransferase Q β -replicase Ribonucleic synthetase Replicase Replicase, phage f2 Replicase, Q β - RNA synthetase RNA transcriptase E.C. 2.7.7.48 RNA-dependent RNA replicase Transcriptase RNA-directed RNA polymerase Q-Beta replicase RNA-dependent RNA polymerase 3Dpol 3D Polymerase Proteins, λ 3, of reovirus Hepatitis C virus polymerase HCV polymerase Influenza virus polymerase Influenza virus RNA polymerase EC 2.7.7.48 RdRp |

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|----|-------------|-----------------------------------|---|
| | | | RNA polymerase, RNA-dependent RNA polymerase, RNA-directed Proteins, RdRp NSP12 |
| 3 | 9029-03-2 | Dihydroorotate oxidase | Dihydroorotate oxidase Oxidase, dihydroorotate Dihydroorotate dehydrogenase E.C. 1.3.3.1 EC 1.3.3.1 Dihydroorotic acid dehydrogenase Dihydroorotic acid dehydrogenases Dihydroorotate oxidases Dihydroorotate dehydrogenases Dihydroorotate dehydrogenase (DHODH) EC 1.3.98.1 E.C. 1.3.98.1 |
| 4 | 187042-29-1 | Cyclin G-associated kinase | Cyclin G-associated kinase Kinase (phosphorylating), protein (cyclin G) Cyclin G-dependent protein kinase Protein kinase GAK Gak kinase Gak kinases Cyclin G-dependent protein kinases Cyclin G-associated kinases Gak protein kinases Gak protein kinase GAK Proteins, GAK |
| 5 | 252212-87-6 | Transmembrane serine proteinase 2 | Transmembrane serine proteinase 2 Serine protease 20P1F12/TMPRSS2 Proteinase, 20P1F12/TMPRSS2 Proteinase TMPRSS2 Epitheliasin Serine proteinase TMPRSS2 Serine protease TMPRSS2 Transmembrane serine protease 2 Proteinase, transmembrane serine, 2 TMPRSS2 Proteins, TMPRSS2 Protein TMPRSS2 Transmembrane protein TMPRSS2 Protease TMPRSS2 |

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|----|-------------|--------------------------------------|---|
| | | | Proteins, epitheliasin Proteins, transmembrane, TMPRSS2 |
| 6 | 328404-18-8 | Angiotensin-converting enzyme 2 | Angiotensin-converting enzyme 2 Carboxypeptidase, angiotensin-converting enzyme-related Angiotensin-converting enzyme-related carboxypeptidase Carboxypeptidase ACE2 ACE2 APN 01 Angiotensin I converting enzyme II Angiotensin I converting enzyme 2 Angiotensin 1 converting enzyme 2 Angiotensin 1 converting enzyme II E.C. 3.4.17.23 EC 3.4.17.23 ACE-II ACE-2 Angiotensin-converting enzyme II ACEII |
| 7 | 444185-98-2 | Protein serine/threonine kinase AAK1 | Protein serine/threonine kinase AAK1 Kinase (phosphorylating), adaptor-assocd. protein, AAK1 Adaptor-associated protein kinase AAK1 Adaptor-assocd. kinase 1 AAK1 Adaptor-associated kinase 1 Adaptor-assocd. protein kinase AAK1 Protein kinase AAK1 AP2-associated kinase 1 AP2-assocd. kinase 1 (AAK1) Proteins, AAK1 |
| 8 | 851883-30-2 | Proteinase PLpro | Proteinase PLpro Proteinase, PLpro Coronavirus papain-like endopeptidase Papain-like protease PLP2 Papain-like protease PLP1 Arterivirus papain-like protease Papain-like protease 2 Papain-like protease PLpro Protease PLpro Protease, papain-like protease PLP1 Papain-like proteinase PLpro Proteinase, papain-like proteinase PLPro Protease, papin-like protease PLP2 Papain-like protease 1 |

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|----|--------------|---|---|
| 9 | 1430213-40-3 | RNA-dependent RNA polymerase NS5B | <p>RNA-dependent RNA polymerase NS5B</p> <p>Nucleotidyltransferase, ribonucleate, RNA-dependent, NS5B</p> <p>Hepatitis C virus polymerase NS5B</p> <p>NS5B</p> <p>Proteins, NS5B</p> <p>Viral nonstructural proteins, NS5B</p> <p>NS5B polymerase</p> <p>NS5B polymerase 1a</p> <p>NS5B polymerase 1b</p> <p>NS5B protein</p> <p>NS5B RNA polymerase</p> <p>NS5B RNA-dependent RNA polymerase</p> <p>RNA-dependent RNA polymerase nonstructural protein 5B</p> <p>RNA-directed RNA polymerase NS5B</p> <p>Viral nonstructural proteins, RNA-directed RNA polymerase NS5B</p> <p>RNA-dependent ribonucleate nucleotidyltransferase NS5B</p> <p>HCV polymerase NS5B</p> <p>Hepatitis C virus RNA-dependent RNA polymerase NS5B</p> <p>HCV RNA-dependent RNA polymerase NS5B</p> <p>HCV RdRp NS5B</p> <p>HCV NS5B</p> <p>Hepatitis C virus RdRp NS5B</p> <p>Hepatitis C virus NS5B</p> |
| 10 | 2266628-10-6 | Coronavirus nonstructural protein NSP10 | <p>Coronavirus nonstructural protein NSP10</p> <p>Coronavirus NSP10/NSP16 methyltransferase</p> <p>2'-O-methyltransferase NSP10/NSP16 complex</p> <p>NSP10/NSP16 complex</p> <p>NSP16/NSP10 complex</p> <p>NSP16/NSP10</p> <p>NSP10/NSP16</p> <p>SARS-CoV non-structural protein 10</p> <p>Coronavirus non-structural protein NSP10</p> <p>Non-structural protein 10</p> <p>NSP10</p> <p>Proteins, NSP10</p> <p>Coronavirus NSP10</p> <p>Coronavirus 2'-O-methyltransferase NSP10/NSP16</p> <p>Nonstructural protein 10</p> <p>Nonstructural proteins, nsp10</p> <p>Coronavirus nonstructural protein 10</p> <p>SARS-coronavirus 2'-O-methyltransferase NSP10/NSP16</p> <p>Viral nonstructural protein NS10 (coronavirus)</p> |

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|----|--------------|--|--|
| 11 | 2304801-94-1 | mRNA-guanine N7-methyltransferase NSP14 (3'→5' exoribonuclease), coronavirus | mRNA-guanine N7-methyltransferase NSP14 (3'→5' exoribonuclease), coronavirus mRNA-guanine N7-methyltransferase NSP14 Proteins, NSP14 NSP14 Coronavirus NSP14 Non-structural protein 14 Exoribonuclease NSP14 N7-Methyltransferase NSP14 N7-MTase NSP14 MTase NSP14 Coronavirus guanine N7-methyltransferase NSP14 Nonstructural protein 14 Non-structural protein NSP14 Nonstructural protein NSP14 Viral proteins, nsp14 Coronavirus nonstructural protein 14 Coronavirus nonstructural protein NSP14 Nonstructural proteins, nsp14 SARS-coronavirus guanine N7-methyltransferase NSP14 Viral nonstructural protein NS14 (coronavirus) |
| 12 | 2304801-97-4 | RNA-dependent RNA polymerase NSP12, coronavirus | RNA-dependent RNA polymerase NSP12, coronavirus RdRp NSP12 Coronaviral RdRp NSP12 SARS NSP12 SARS-CoV NSP12 SARS coronavirus nonstructural protein NSP12 Coronavirus nonstructural protein NSP12 SARS nonstructural protein NSP12 SARS coronavirus nonstructural protein 12 Coronavirus nonstructural protein 12 Nonstructural protein 12 RNA polymerase NSP12 NSP12 Proteins, NSP12 SARS-CoV-2 NSP12 Severe acute respiratory syndrome coronavirus NSP12 Coronavirus RNA-dependent RNA polymerase NSP12 Viral nonstructural protein NS12 (coronavirus) RNA-dependent RNA polymerase NS12 Coronavirus NSP12 Coronaviral RdRp |

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|----|--------------|--|---|
| | | | SARS RdRp CoV RdRp SARS-CoV-2 RdRp SARS-CoV RdRp Coronavirus RNA-dependent RNA polymerase SARS RNA-dependent RNA polymerase SARS RNA-directed RNA polymerase Coronavirus RNA-directed RNA polymerase SARS-CoV RNA-directed RNA polymerase SARS-CoV-2 RNA-directed RNA polymerase SARS-CoV-2 RNA replicase SARS-CoV RNA replicase SARS RNA replicase CoV RNA replicase Coronavirus RNA replicase Severe acute respiratory syndrome coronavirus RNA replicase CoV replicase SARS-CoV replicase SARS-CoV-2 replicase RNA replicase NSP12 |
| 13 | 2304802-09-1 | Proteinase 3CLpro NSP5, coronavirus | Proteinase 3CLpro NSP5, coronavirus SARS proteinases SARS proteinase NSP5 SARS proteinase SARS proteases SARS protease SARS cysteine proteinases SARS cysteine proteinase SARS-CoV Mpro SARS CoV main proteases SARS-CoV main protease SARS CoV 3C-like proteases SARS-CoV 3C-like protease SARS coronavirus proteinases SARS coronavirus proteinase SARS coronavirus proteases SARS coronavirus protease SARS coronavirus main proteinases SARS coronavirus main proteinase Coronavirus picornain-like cysteine proteinase Coronavirus picornain-like cysteine proteinases Coronavirus main proteinases |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|----------------|--|
| | | | Coronavirus main proteinase Coronavirus main proteases Coronavirus main protease Mpro Coronavirus main protease Proteinase 3CLpro NSP5 3CLpro NSP5 Coronavirus nonstructural protein NSP5 Coronavirus nonstructural protein 5 Coronavirus NSP5 SARS-CoV-2 NSP5 SARS-coronavirus nonstructural protein 5 SARS-coronavirus nonstructural protein NSP5 3-Chymotrypsin-like protease NSP5 3-Chymotrypsin-like proteinase NSP5 SARS-3-chymotrypsin-like protease NSP5 SARS-3-chymotrypsin-like proteinase NSP5 Proteinase NSP5 Protease NSP5 NSP5 Proteins, NSP5 SARS-CoV-2 3CLpro Severe acute respiratory syndrome coronavirus nonstructural protein 5 Severe acute respiratory syndrome coronavirus NSP5 Coronavirus proteinase 3CLpro NSP5 Coronavirus protease 3CLpro NSP5 Coronavirus endopeptidase C30 E.C. 3.4.22.69 EC 3.4.22.69 SARS-CoV-2 main protease SARS coronavirus 3CLpro SARS 3CLpro Coronavirus 3CLpro Coronavirus protease 3CLpro Coronavirus proteinase 3CLpro Coronavirus proteinase NSP5 Coronavirus protease NSP5 SARS-CoV NSP5 SARS-CoV-2 Mpro SARS Mpro Coronavirus Mpro CoV Mpro |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------------|------------------------------|---|
| 14 | 218925-73-6 | Proteinase 3CLpro | Nonstructural protein 5 Nonstructural protein NSP5 SARS coronavirus nonstructural protein 5 Proteinase 3CLpro Proteinase, 3CLpro 3C-like proteinase 3CL protease 3CL proteinase Mpro protease Protease Mpro 3CLpro proteinase 3C-like protease Proteinase, 3C-like 3CLpro 3-Chymotrypsin-like protease Viral main proteinase Mpro Main proteinase Mpro 3CL proteases 3C-like proteinases 3C-like proteases 3CLpro proteinases 3CL proteinases Mpro proteases Proteinase 3CL Protease 3CL Protease, 3C-like |
| 15 | 2374276-48-7 | Primase NSP8, coronavirus | Primase NSP8, coronavirus Severe acute respiratory syndrome coronavirus NSP8 SARS-CoV NSP8 SARS-coronavirus NSP8 SARS coronavirus nonstructural protein 8 SARS coronavirus nonstructural protein NSP8 Coronavirus nonstructural protein 8 Coronavirus nonstructural protein NSP8 SARS nonstructural protein NSP8 SARS nonstructural protein 8 NSP8 Proteins, NSP8 Coronavirus primase NSP8 Viral nonstructural protein NS8 (coronavirus) Coronavirus NSP8 |

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|----|--------------|---|---|
| 16 | 2374276-49-8 | Uridylate-specific endoribonuclease NSP15, coronavirus | Uridylate-specific endoribonuclease NSP15, coronavirus NendoU/NSP15 SARS uridylate-specific endoribonuclease SARS uridylate-specific endoribonuclease NSP15 NSP15 Proteins, NSP15 Coronavirus NendoU NSP15 SARS NendoU NSP15 SARS coronavirus NendoU NSP15 SARS coronavirus NSP15 SARS coronavirus uridylate-specific endoribonuclease NSP15 SARS coronavirus uridylate-specific endoribonuclease Nonstructural protein 15 Nonstructural protein NSP15 SARS coronavirus nonstructural protein NSP15 SARS coronavirus nonstructural protein 15 Coronavirus nonstructural protein 15 SARS nonstructural protein 15 Severe acute respiratory syndrome coronavirus NSP15 Nsp15 endoribonuclease NendoU Endoribonuclease Nsp15 Coronavirus NSP15 SARS-CoV-2 NendoU SARS-CoV NendoU SARS-CoV NSP15 SARS-CoV-2 NSP15 Coronavirus uridylate-specific endoribonuclease NSP15 Coronavirus U-specific endoribonuclease NSP15 CoV uridylate-specific endoribonuclease NSP15 Viral nonstructural protein NS15 (coronavirus) |
| 17 | 2374276-50-1 | Uridylate-specific endoribonuclease | Uridylate-specific endoribonuclease NendoU Endoribonuclease NendoU Uridylate endoribonuclease U-Specific Nidovirales endoribonuclease (NendoU) U-Specific Nidovirales endoribonuclease Nidovirus endoribonuclease (NendoU) |
| 18 | 2374276-63-6 | Nucleoside triphosphate phosphatase NSP13 (helicase), coronavirus | Nucleoside triphosphate phosphatase NSP13 (helicase), coronavirus SARS-CoV NSP13 ATPase/NTPase SARS coronavirus NSP13 Coronavirus NSP13 |

| ID | CAS RN | Preferred Name | Synonyms |
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| | | | SARS-CoV NSP13 NSP13 Proteins, NSP13 Severe acute respiratory syndrome coronavirus NSP13 Severe acute respiratory syndrome coronavirus nonstructural protein 13 Nonstructural protein 13 Nonstructural protein NSP13 RNA helicase NSP13 Helicase NSP13 (NTPase) NTPase NSP13 SARS-CoV-2 NSP13 Coronavirus nucleoside triphosphate phosphatase-helicase NSP13 Viral nonstructural protein NS13 (coronavirus) |
| 19 | 2304802-12-6 | mRNA cap-specific 2'-O-methyltransferase NSP16 (SAM), SARS-coronavirus | mRNA cap-specific 2'-O-methyltransferase NSP16 (SAM), SARS-coronavirus SARS-CoV RNA cap SAM-dependent (nucleoside-2'-O)-methyltransferase NSP16 2'-O-MTase NSP16 mRNA cap-specific 2'-O-methyltransferase NSP16 Proteins, NSP16 NSP16 Coronavirus NSP16 S-adenosylmethionine-dependent 2'-O-methyltransferase NSP16 Coronavirus non-structural protein 16 Coronavirus NSP10/NSP16 methyltransferase Severe acute respiratory syndrome coronavirus nsp16 protein SARS-CoV nsp16 SARS-CoV non-structural protein 16 Non-structural protein 16 Non-structural protein NSP16 2'-O-methyltransferase NSP10/NSP16 complex NSP10/NSP16 complex NSP10/NSP16 NSP16/NSP10 Coronavirus 2'-O-methyltransferase NSP16 Coronavirus nonstructural protein 16 Nonstructural protein 16 Nonstructural proteins, nsp16 Nonstructural protein NSP16 Viral proteins, NSP16 |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------------|--------------------------------------|---|
| | | | Coronavirus nonstructural protein NSP16 SARS-coronavirus 2'-O-methyltransferase NSP16 SARS-coronavirus 2'-O-methyltransferase NSP10/NSP16 Coronavirus 2'-O-methyltransferase NSP10/NSP16 Viral nonstructural protein NS16 (coronavirus) |
| 20 | 2374276-51-2 | Primase NSP7, coronavirus | Primase NSP7, coronavirus Coronavirus nonstructural protein 7 Coronavirus nonstructural protein NSP7 SARS-CoV-2 NSP7 SARS-CoV NSP7 Coronavirus NSP7 SARS-coronavirus NSP7 Primase NSP7 SARS-coronavirus primase NSP7 Coronavirus primase NSP7 Severe acute respiratory syndrome coronavirus NSP7 NSP7 Proteins, NSP7 Viral proteins, NSP7 Viral nonstructural proteins, NSP7 Viral nonstructural protein NSP7 Nonstructural protein P7 Viral nonstructural protein NS7 (coronavirus) |
| 21 | | Viral nonstructural protein NSp7 | Viral protein p7 Nonstructural protein p7 Viral nonstructural proteins, NSP7 NSP7 Proteins, NSP7 Nonstructural protein NS7 Viral proteins, NSP7 Nonstructural protein 7 Proteins, nonstructural, NSP7 |
| 22 | | Coronavirus RNA-binding protein NSP9 | Coronavirus nonstructural protein NSP9 Coronavirus NSP9 SARS-coronavirus NSP9 SARS-CoV NSP9 Single-stranded RNA-binding protein NSP9 Proteins, NSP9 NSP9 RNA-binding protein NSP9 ssRNA-binding protein NSP9 Coronavirus non-structural protein NSP9 |

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| 23 | | Interleukin 6 | Coronavirus non-structural protein 9 Coronavirus nonstructural protein 9 β2 interferons B-cell stimulatory factor 2 Lymphokines, interleukin 6 B-cell-stimulating factor 2 Lymphokines, B-cell-stimulatory factor 2 Lymphokines, B-cell differentiation factor 2 BSF2 Cytokines, interleukin 6 B-cell differentiation factor BSF2 IL-6 Hepatocyte-stimulating factor lymphokines and Cytokines Lymphokines, hepatocyte-stimulating factor Cytokines, hepatocyte-stimulating factor Hepatocyte-stimulating factor Animal growth regulators, hepatocyte stimulatory factors Hepatocyte growth factor, hepatocyte-stimulating factor B cell differentiation factor-2 Plasmacytoma growth factor Hybridoma growth factor MGI-2A Cytokine IL-6 |
| 24 | | Caveolin 1 | Vip21 protein VIP21 Gene CAV1 protein CAV1 |
| 25 | | Viral spike glycoproteins, S1 subunit | Viral S1 spike proteins Viral S1 spike glycoproteins Proteins, S1 spike Glycoproteins, S1 spike S1 spike proteins S1 protein Glycoproteins, spike S1 S1 glycoprotein Viral proteins, spike S1 Viral spike glycoprotein S1 Viral spike protein S1 Spike protein S1 Viral spike S1 protein S protein S1 S proteins, S1 |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|--|--|
| | | | Spike proteins, S1 Spike glycoprotein S1 Spike glycoproteins, S1 Viral proteins, spike glycoprotein S1 Proteins, spike S1 Proteins, S, S1 SARS S1 protein SARS S1 glycoprotein Viral spike glycoproteins, subunit S1 |
| 26 | | Minor nucleoprotein VP30 | Transcription factors, minor nucleoprotein VP30 Viral minor nucleoprotein VP30 Transcription activation factor VP30 |
| 27 | | C-type lectin CLEC4M | Proteins, CLEC4M CLEC4M CD299 antigens Liver/lymph node-specific ICAM-3-grabbing non-integrin Dendritic cell-specific ICAM-3-grabbing non-integrin 2 DC-SIGN-related protein CD209 antigen-like protein 1 C-type lectin domain family 4 member M CD299 ntigens DC-SIGNR DC-SIGN2 CD299L CD299 CD209L1 Proteins, L-SIGN L-SIGN |
| 28 | | CD209 antigen-like proteins, Cd209a | Cd209a Proteins, DC-SIGN Dendritic cell-specific ICAM-3-grabbing non-integrin CD209 antigen-like protein A DC-SIGN |
| 29 | | Epididymal secretory protein E1 | Protein HE1 Protein NPC2 (Niemann-Pick C2) Niemann-Pick C2 protein Niemann-Pick disease type C2 protein Gene NPC2 protein NPC2 |
| 30 | | Coronavirus nonstructural protein NSP3 | NSP3 NS3 proteins NSP3 proteins |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|--|--|
| | | | Nonstructural protein 3 Proteins, NSP3 Viral nonstructural protein NS3 Viral nonstructural protein NSP3 Nonstructural protein NSP3 Coronavirus non-structural protein NSP3 Coronavirus non-structural protein 3 Coronavirus nonstructural protein 3 Severe acute respiratory syndrome coronavirus NSP3 SARS-CoV NSP3 SARS-CoV-2 NSP3 Severe acute respiratory syndrome coronavirus-2 NSP3 Nonstructural proteins, coronavirus NSP3 Viral nonstructural proteins, NSP3 Coronavirus nonstructural proteins, NSP3 Coronavirus NSP3 Viral nonstructural protein NSP3 (coronavirus) Viral nonstructural protein NS3 (coronavirus) |
| 31 | | Coronavirus nonstructural protein NSP4 | NS4 NS4 proteins NSP4 proteins Nonstructural protein 4 Proteins, NS4 Viral nonstructural protein NS4 Viral nonstructural protein NSP4 Nonstructural protein NSP4 Coronavirus non-structural protein NSP4 Coronavirus non-structural protein 4 Coronavirus nonstructural protein 4 Severe acute respiratory syndrome coronavirus-2 NSP4 SARS-CoV-2 NSP4 SARS-CoV NSP4 Severe acute respiratory syndrome coronavirus NSP4 Coronavirus NSP4 Proteins, NSP4 Viral nonstructural protein 4, coronavirus Nonstructural proteins, 4, coronavirus Proteins, viral NS4 Nonstructural proteins, 4 Viral nonstructural proteins, NS4, coronavirus Proteins, NS4 (nonstructural, 4) Proteins, viral, NS4, coronavirus |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|--|--|
| | | | Viral proteins, coronavirus NSP4 Viral nonstructural proteins, coronavirus NSP4 Coronavirus nonstructural proteins, NSP4 Proteins, NSP4 (nonstructural protein 4) of coronavirus Viral nonstructural protein NS4 (coronavirus) |
| 32 | | Coronavirus nonstructural protein NSP6 | NS6 NS6 proteins NSP6 proteins Nonstructural protein 6 Proteins, NS6 Viral nonstructural protein NS6 Viral nonstructural protein NSP6 Nonstructural protein NSP6 Coronavirus non-structural protein NSP6 Coronavirus non-structural protein 6 Coronavirus nonstructural protein 6 Severe acute respiratory syndrome coronavirus-2 NSP6 Severe acute respiratory syndrome coronavirus NSP6 SARS-CoV NSP6 SARS-CoV-2 NSP6 Viral nonstructural protein NS6 (coronavirus) Coronavirus NSP6 |
| 33 | | Coronavirus nonstructural protein NSP1 | NS1 NS1 proteins NSP1 proteins Nonstructural protein 1 Proteins, NS1 Viral nonstructural protein NS1 Viral nonstructural protein NSP1 Nonstructural protein NSP1 Coronavirus non-structural protein NSP1 Coronavirus non-structural protein 1 Coronavirus nonstructural protein 1 Nonstructural proteins, coronavirus NSP1 Coronavirus NSP1 Coronavirus nonstructural proteins, NSP1 Viral nonstructural proteins, coronavirus NSP1 Nonstructural protein NS1 Coronaviral nonstructural protein NSP1 Coronaviral nonstructural protein 1 Viral nonstructural protein NSP1 (coronavirus) Viral nonstructural protein NS1 (coronavirus) |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|---------------------------------|---|
| 34 | | Viral nonstructural protein NS1 | NS1 NsP1 proteins Nonstructural protein 1 NS1 proteins Proteins, NS1 (nonstructural protein 1) Protein NS1 NS1 protein Nonstructural glycoprotein 1 NS1 glycoproteins Glycoproteins, nonstructural, 1 NSP1 Nonstructural protein NS1 NS-1 proteins |
| 35 | | Dynamin 2 | Dynamin II Gene DYNII protein Dynamin 2 protein Dynamin type II DNM2 |
| 36 | | DEAD box RNA helicase DBP5 | Proteins, DBP5 DBP5 DEAD-box protein 5 (Dbp5) DEAD-box protein 5 Ribonucleic acid-trafficking protein 8 (Rat8) DDX19 Ribonucleic acid-trafficking protein 8 Helicase CA5/6 Rat8 Proteins, Rat8 ATP-dependent RNA helicase DDX19B DDX19B DEAD box RNA helicase DEAD5 DEAD box protein 19B RNA helicase DBP5 Proteins, DDX19 |
| 37 | | DEAD box RNA helicase DDX5 | DDX5 ATP-dependent RNA helicase DDX5 DEAD box protein DDX5 RNA helicase p68 Helicase p68 DEAD box protein 5 |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|---------------------------------|--|
| 38 | | Nucleocapsid proteins | Nucleocapsid N proteins Nucleocapsid protein N proteins Nucleocapsid protein N N protein (nucleocapsid) N protein |
| 39 | | Viral spike glycoproteins | Spike glycoproteins Spike glycoprotein Spike proteins E2 peplomer glycoproteins Peplomer E2 proteins Peplomer proteins S glycoproteins Viral spike proteins Viral spike glycoprotein S protein SARS S protein SARS S glycoprotein S proteins Viral proteins, spike Viral protein spike Viral proteins, spike glycoprotein Spike protein Proteins, spike, viral Viral spike S protein |
| 40 | | Clathrin adaptor proteins | Clathrin-coated vesicle assembly proteins Clathrin coat-assembly proteins AP proteins Clathrin-associated adaptor proteins Adaptor protein complexes, clathrin Adaptor protein complex, clathrin AP clathrin adaptor proteins Clathrin adaptor protein |
| 41 | | Viral nonstructural protein NS4 | NSP4 proteins NSP4 Nonstructural protein 4 NS28 glycoproteins NS4 glycoproteins Nonstructural glycoprotein 4 NS4 proteins NS4 |

| ID | CAS RN | Preferred Name | Synonyms |
|----|------------|---------------------------------|--|
| 42 | | Viral nonstructural protein NS2 | NSP2 proteins Nonstructural protein 2 NS2 proteins NS2 protein NS2 Viral nuclear export protein Nuclear export proteins, NS2 Nuclear export protein NS2 Protein NEP Gene NS2 proteins NEP protein Nonstructural protein NSP2 |
| 43 | | Viral matrix M proteins | M (matrix) proteins M proteins Protein M (viral matrix) Viral matrix proteins, matrix (M) proteins Matrix M proteins Matrix (M) proteins Protein M Proteins, M Viral protein M Viral proteins, M M viral protein M viral proteins Viral M protein |
| 44 | 54249-88-6 | Dipeptidyl peptidase IV | Dipeptidyl peptidase IV Peptidase, dipeptidyl, IV Glycylproline aminopeptidase Aminopeptidase, dipeptidyl, IV Aminopeptidase, glycylproline X-Prolyl dipeptidyl aminopeptidase Dipeptidyl-aminopeptidase IV E.C. 3.4.14.5 EC 3.4.14.5 Glycylprolyl dipeptidylaminopeptidase Amino acyl-prolyl dipeptidyl aminopeptidase Glycylproline-dipeptidyl-aminopeptidase Glycylprolyl aminopeptidase X-Prolyl-dipeptidyl aminopeptidase Aminopeptidase, post-proline dipeptidyl Post-proline dipeptidyl aminopeptidase Dipeptidase-IV |

| ID | CAS RN | Preferred Name | Synonyms |
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| | | | X-Prolyl dipeptidyl peptidase Dipeptidyl-peptidase IV-β Prolyl dipeptidyl peptidase IV E.C. 3.4.14.11 EC 3.4.14.11 Casomorphinase DPP IV Post-proline dipeptidyl aminopeptidase IV Xaa-Pro-dipeptidylaminopeptidase Gly-Pro naphthylamidase Antigens, CD26 1F7 antigens Adenosine deaminase-binding proteins X-Pro dipeptidyl peptidase Dipeptidyl peptidase-4 Dipeptidyl peptidase DP4 DPP 4 DPP4 DPPIV DDP-4 T-cell activation antigen CD26 TP103 ADCP2 Proteins, ADCP2 Proteins, DPP4 Proteins, TP103 Antigen 1f7 Adenosine deaminase-binding protein 1F7 antigen Type IV dipeptidyl aminopeptidase Glycylproline-dipeptidyl-aminopeptidases Glycylproline aminopeptidases Dipeptidyl aminopeptidase type iv X-Prolyl dipeptidyl aminopeptidases Type IV dipeptidyl aminopeptidases X-Prolyl dipeptidyl peptidases Xaa-Pro dipeptidyl-peptidase |
| 45 | 60202-07-5 | Steroid 25-hydroxylase | Steroid 25-hydroxylase Oxygenase, steroid 25-mono- Cholesterol 25-hydroxylase 5β-Cholestane-3α,7α,12α-triol 25-hydroxylase E.C. 1.14.99.38 Steroid 25-monooxygenase |

| ID | CAS RN | Preferred Name | Synonyms |
|----|-------------|-------------------------|--|
| 46 | | Cathepsin L | Cathepsin L E.C. 3.4.22.15 Aldrichina grahmi cysteine proteinase Cathepsin L1 Pacific whiting surimi wash water proteinase |
| 47 | | Interleukin 1 receptors | Cytokines, interleukin 1, receptors IL-1 receptor Lymphokines and Cytokines, interleukin 1, receptors IL-1R Interleukin 1 receptor |
| 48 | | Interleukin 6 receptors | Cytokines, interleukin 6, receptors Interleukin 6 receptor Interleukin 6 p80 receptors Interleukin-6 receptor p80 Lymphokines and Cytokines, interleukin 6, receptors IL-6 receptor CD126 antigens CD126 antigen |
| 49 | | Interleukin 8 receptors | Interleukin 8 receptor NAP-1 receptors Lymphokines and Cytokines, interleukin 8, receptors IL-8 receptor CDw128 (antigen) CDw128 |
| 50 | 152478-56-3 | Protein kinase JAK1 | Protein kinase JAK1 Kinase (phosphorylating), JAK1 protein Protein tyrosine kinase JAK1 Gene JAK1 tyrosine kinase Jak1 tyrosine kinase Tyrosine kinase JAK1 Jak1 protein kinase JAK1 kinase Protein kinase JAK-1 JAK1 protein tyrosine kinase Tyrosine protein kinase JAK1 Janus kinase 1 JAK1 Kinases JAK1 Kinase JAK1 Janus kinase JAK1 Protein kinases JAK1 Protein JAK1 |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|---------------------------|---|
| 51 | | Angiotensin AT1 receptors | Angiotensin II AT1 receptors Angiotensin II type 1 receptors AT1 angiotensin II receptors Angiotensin II type I receptors AT1 receptors Type 1 angiotensin receptors AT1 angiotensin receptors Type I angiotensin receptors AT1-receptor Angiotensin receptor AT1 Angiotensin type 1 receptor Angiotensin II receptor type 1 Angiotensin II receptor 1 Angiotensin AT1 receptor AGTR1 Type 1 angiotensin II receptor |
| 52 | | Angiotensin AT2 receptors | Angiotensin receptor AT2 AT2 receptors AT2 receptor Angiotensin II type 2 receptors Angiotensin receptor type 2 AT2 angiotensin II receptors Angiotensin AT2 receptor |
| 53 | | Immunoglobulin receptors | Ig receptors Igs, receptors Immunoglobulins, receptors Fc receptors Ig Fc receptors Immunoglobulin Fc receptors Receptors, Ig fragment Fc Ig Fc region receptors Ig fragment Fc receptors FcR receptors Immunoglobulins, FcR receptors Fc receptors, FcR Receptor Fc Fc receptor Immunoglobulin receptor |
| 54 | | Karyopherin α | α -Karyopherins α -Importins Importin α Karyopherin alpha Alpha-karyopherin |

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|----|-----------|---------------------------|---|
| 55 | 9054-63-1 | Karyopherin β | β -Karyopherins β -Importins Importin β Karyopherin beta Beta-karyopherin |
| 56 | | Cathepsin B | Cathepsin B Cathepsin B1 E.C. 3.4.22.1 Cathepsin II CTSB |
| 57 | 9054-63-1 | Microsomal aminopeptidase | Microsomal aminopeptidase Aminopeptidase, microsomal E.C. 3.4.11.2 E.C. 3.4.1.2 Aminopeptidase M EC 3.4.11.2 EC 3.4.1.2 Alanyl aminopeptidase Aminopeptidase N Aminopeptidase M (EC 3.4.11.2) L-Alanine aminopeptidase Alanine aminopeptidase (3.4.11.2) Aminopeptidase M II Alanine-specific aminopeptidase Peptidase M Antigens, CD13 Aminopeptidase N (EC 3.4.11.2) CD antigens, CD13 Vp165 aminopeptidase CD13 antigen CD13 Brush border membrane antigen CD13 Aminopeptidase N/CD13 PepN Membrane alanyl aminopeptidase Aminopeptidase PepN Alanyl aminopeptidases Alanine-specific aminopeptidases Alanine aminopeptidases Aminopeptidase M 2 Vp165 aminopeptidases Microsomal aminopeptidases |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|--|--|
| | | | L-Alanine aminopeptidases Aminopeptidase M2 L-Alanylaminopeptidase CD13 antigens ANPEP Myeloid plasma membrane glycoprotein CD13 |
| 58 | | Niemann-Pick C1 protein | Protein NPC1 Gene NPC1 proteins Niemann-Pick C1 proteins Protein NPC1 (Niemann-Pick C1) Gene NPC1 protein Niemann-Pick disease type C1 protein |
| 59 | | Interferon-induced transmembrane protein 1 | CD225 antigen Leu-13 antigen Interferon-inducible protein 9-27 Interferon-induced protein 17 IFITM1 protein Protein IFITM1 IFN-induced transmembrane protein 1 IFITM1 IFITM, IFITM1 Interferon-induced proteins, IFITM1 |
| 60 | | Interferon-induced transmembrane protein 2 | Interferon-inducible protein 1-8D Transmembrane interferon-induced protein 2 IFITM2 Interferon-induced proteins, IFITM2 IFITM, IFITM2 Transmembrane proteins, IFITM2 Transmembrane proteins, interferon-induced 2 |
| 61 | | Interferon-induced transmembrane protein 3 | Interferon-inducible protein 1-8U IFITM3 |
| 62 | | Endophilins | Endophilin |
| 63 | | Viral spike glycoproteins, S2 subunit | S2 (spike-anchoring) glycoprotein SARS S2 glycoprotein S2 spike glycoprotein S2 spike-anchoring protein S2 spike-anchoring glycoprotein SARS S2 proteins S2 spike proteins Proteins, s2 spike S2 (spike-anchoring) protein S2 protein |

| ID | CAS RN | Preferred Name | Synonyms |
|----|--------|----------------|---|
| | | | S2 protein (spike) S2 glycoprotein Viral proteins, S2 spike Viral glycoprotein S2 spike Glycoproteins, spike S2 Proteins, S, S2 Protein S, S2 Viral spike glycoproteins, subunit S2 |
| 64 | | Importin IPO8 | Proteins, IMP8 IMP8 Proteins, RanBP8 RanBP8 Importins, IPO8 Importins, 8 Importin-8 Importin 8 Proteins, IPO8 IPO8 IPO8 (importin 8) Karopherins, 8 Karyopherins, IPO8 Karyopherins, importin 8 Proteins, karyopherin, IPO8 |