

Supplementary Table 1

Potential Drugs for COVID-19

This supplementary table provides the list of 31 candidate drugs identified in our study. The drugs fall under a number of important therapeutic groups, such as corticosteroids, immunomodulators, antivirals, and anticoagulants. The DrugBank ID, drug name, drug category, and the prediction method/methods that determined the drug to be a potential candidate are all included in the table.

DrugBank ID	Drug Name	Category	Predicted By
DB00316	Acyclovir	Antiviral	GCN, SAGE
DB00313	Amantadine	Antiviral	GCN, SAGE
DB00091	Ribavirin	Antiviral	GCN, SAGE
DB00783	Saquinavir	Antiviral	GCN, SAGE
DB00977	Heparin	Anticoagulant	GCN, SAGE
DB01174	Amprenavir	Antiviral	GCN, SAGE
DB00515	Famciclovir	Antiviral	GCN, SAGE
DB00396	Methylprednisolone	Corticosteroid	GCN
DB00550	Prednisone	Corticosteroid	GCN
DB00755	Interferon alfa-2b	Immunomodulator	GCN
DB03193	Telmisartan	Antiviral	GAT
DB01698	Ezetimibe	Antiviral	GAT
DB00266	Atorvastatin	Antiviral	GAT
DB00707	Tioguanine	Antiviral	GAT
DB02261	Imatinib	Antiviral	GAT
DB00403	Dapsone	Antiviral	GAT
DB01954	Ruxolitinib	Antiviral	GAT

DB03345	Dutasteride	Antiviral	GAT
DB00179	Prednisolone	Corticosteroid	GAT
DB01120	Triamterene	Antiviral	GAT
DB07302	Vorapaxar	Antiviral	GIN
DB03221	Etoposide	Antiviral	GIN
DB00030	Dexamethasone	Corticosteroid	GIN
DB06241	Imatinib	Antiviral	GIN
DB05943	Baricitinib	Immunomodulator	GIN
DB07834	Saquinavir	Antiviral	GIN
DB03782	Cyclosporine	Immunomodulator	GIN
DB07359	Simeprevir	Antiviral	GIN
DB01745	Lamivudine	Antiviral	GIN
DB09160	Remdesivir	Antiviral	GIN
DB01064	Enoxaparin	Anticoagulant	HGT
DB00947	Tinzaparin	Anticoagulant	HGT
DB01039	Dalteparin	Anticoagulant	HGT
DB00126	Heparin	Anticoagulant	HGT
DB01234	Rivaroxaban	Anticoagulant	HGT
DB00641	Fondaparinux	Anticoagulant	HGT
DB00428	Argatroban	Anticoagulant	HGT
DB01645	Apixaban	Anticoagulant	HGT
DB00877	Warfarin	Anticoagulant	HGT
DB00759	Bivalirudin	Anticoagulant	HGT
DB02656	Dabigatran	Anticoagulant	HGT

DB00388	Lepirudin	Anticoagulant	HGT
DB00197	Nadroparin	Anticoagulant	HGT
DB01030	Parnaparin	Anticoagulant	HGT
DB00143	Reviparin	Anticoagulant	HGT
DB00970	Ticlopidine	Anticoagulant	HGT
DB01229	Edoxaban	Anticoagulant	HGT
DB00624	Fondaparinux	Anticoagulant	HGT
DB00412	Fluindione	Anticoagulant	HGT
DB02546	Betrixaban	Anticoagulant	HGT
DB14064	Asunaprevir	Antiviral	Matrix Factorization
DB13975	Simeprevir	Antiviral	Matrix Factorization
DB14066	Paritaprevir	Antiviral	Matrix Factorization
DB01263	Sofosbuvir	Antiviral	Matrix Factorization
DB14065	Dasabuvir	Antiviral	Matrix Factorization
DB08874	Boceprevir	Antiviral	Matrix Factorization
DB14063	Velpatasvir	Antiviral	Matrix Factorization
DB14068	Glecaprevir	Antiviral	Matrix Factorization
DB06636	Ledipasvir	Antiviral	Matrix Factorization
DB00196	Interferon alfa-2a	Immunomodulator	Matrix Factorization
DB09291	Interferon alfa-2b	Immunomodulator	Matrix Factorization
DB01323	Peginterferon alfa-2a	Immunomodulator	Matrix Factorization
DB11431	Peginterferon alfa-2b	Immunomodulator	Matrix Factorization
DB08873	Telaprevir	Antiviral	Matrix Factorization
DB12026	Daclatasvir	Antiviral	Matrix Factorization

DB00778	Ribavirin	Antiviral	Matrix Factorization
DB00845	Interferon gamma-1b	Immunomodulator	Matrix Factorization
DB01264	Telbivudine	Antiviral	Matrix Factorization
DB01253	Entecavir	Antiviral	Matrix Factorization
DB00607	Lamivudine	Antiviral	Matrix Factorization