Table S24: Screening results of approved drugs in DrugBank. DrugID corresponds to the drug id in DrugBank. non-inhibitor_probs represents the probability of non-SARS-CoV-2 inhibitors. inhibitor_probs represents the probability of SARS-CoV-2 inhibitors. The experiment type, evidence source, evidence description, and link indicate evidence that drugs can treat COVID-19.

No.	DrugID	non-inhibitor_probs	inhibitor_probs	experiment type	evidence source	evidence description	link
1	DB00390	3.58E-07	0.99999964	cell assay	Common cardiac medications potently inhibit ACE2 binding to the SARS-CoV-2 Spike, and block virus penetration and infectivity in human lung cells	Ouabain, digitoxin and digoxin competitively inhibit ACE2 binding to the SARS-CoV-2 Receptor Binding Domain (RBD), and block virus penetration and infectivity in human lung cells.	https://www.nature.com/articles/s41598-021-01690-9
2	DB01008	1.37E-05	0.9999863	pharmacophore model based on crystal structure of SARS-CoV-2 NSP15 endoribonuclease	Potential SARS-CoV-2 Nonstructural Protein 15 Inhibitors: Repurposing FDA-approved Drugs	Drug candidates (Busulfan) clustered by fingerprint similarity.	https://www.xiahepublishing.com/2572-5505/JERP-2021-00032
3	DB00681	3.25E-05	0.99996746	docking analysis	Computational View toward the Inhibition of SARS-CoV-2 Spike Glycoprotein and the 3CL Protease	Ergotamine, amphotericin b, and vancomycin are most promising to block the interaction of the SARS-CoV-2 S-protein with human ACE-2.	https://www.mdpi.com/2079-3197/8/2/53/htm
4	DB01078	5.73E-05	0.99994266	docking analysis	Molecular screening of glycyrrhizin-based inhibitors against ACE2 host receptor of SARS-CoV-2	Deslanoside, digitoxin, and digoxin are strong binders of SARS-CoV-2 ACE-2 receptor.	https://link.springer.com/article/10.1007/s00894-021-04816-y
5	DB11602	8.29E-05	0.99991703				
6	DB00380	8.64E-05	0.9999136				
7	DB09104	0.000102322	0.9998977				
8	DB15822	0.000104403	0.9998956				
9	DB00293	0.000106269	0.99989367	docking analysis	Drug repurposing for identification of potential spike inhibitors for SARS-CoV-2 using molecular docking and molecular dynamics simulations	Another docking study revealed that the drugs cytarabin, raltitrexed, tenofovir, cidofovir, lamivudine and fludarabine are potent binders of the spike protein.	https://www.sciencedirect.com/science/article/pii/S104620232000329
10	DB00432	0.000119344	0.9998807	docking analysis	Virtual screening, ADME/T, and binding free energy analysis of anti-viral, anti-protease, and anti-infectious compounds against NSP10/NSP16 methyltransferase and main protease of SARS CoV-2	Cyclocytidine, Hydrochloride, Trifluridine, Adonitol Meropenem, and Penciclovir yielded a preeminent dock score with the main Protease of SARS-COV-2.	https://www.tandfonline.com/doi/full/10.1080/10799893.2020.1772298
11	DB00441	0.000127156	0.9998728	cell assay	Gemcitabine, lycorine and oxysophoridine inhibit novel coronavirus (SARS-CoV-2) in cell culture	The antiviral effect of gemcitabine was suppressed efficiently by the cytidine nucleosides. Additionally, combination of gemcitabine with oxysophoridine had an additive antiviral effect against SARS-CoV-2.	https://www.tandfonline.com/doi/full/10.1080/22221751.2020.1772676
12	DB01390	0.00013541	0.9998646	–	A review on probable Lysosomotropic properties of Sodium bicarbonate to restrain viral entry of Coronavirus 2 (SARS-CoV-2)	sodium bicarbonate could probably help to restrain SARS-CoV-2 infection.	https://www.academia.edu/download/63336289/COVID_manuscript_updated_120200517-110056-1bhtbqp.pdf
13	DB01076	0.000160189	0.9998398	molecular dynamics simulations	Drug repurposing against SARS-CoV-2 receptor binding domain using ensemble-based virtual screening and molecular dynamics simulations	Gonadorelin, fondaparinux, atorvastatin and FAD are good anti-COVID-19 candidates.	https://www.sciencedirect.com/science/article/pii/S0010482521004285
14	DB00188	0.000168492	0.99983144	protein degradation	ZMPSTE24 Regulates SARS-CoV-2 Spike Protein-enhanced Expression of Endothelial PAI-1	We examined the role of protein degradation in this SARS-CoV-2-S1 induction of PAI-1 and found that the proteasomal degradation inhibitor bortezomib inhibited SARS-CoV-2-S1-mediated changes in PAI-1.	https://www.atsjournals.org/doi/full/10.1165/rcmb.2020-0440C
15	DB01396	0.000186073	0.999814	rat model	Antiviral activity of digoxin and ouabain against SARS-CoV-2 infection and its implication for COVID-19	Interestingly, a recent study reported that digitoxin, a CG, suppresses proinflammatory cytokines in influenza A virus-infected cotton rat lung43, which suggests that DIG and OUA may have an additional therapeutic role against COVID-19 with hypercytokinemia.	https://www.nature.com/articles/s41598-020-72879-7
16	DB12328	0.000233808	0.9997662	cell assay	Screening a Library of FDA-Approved and Bioactive Compounds for Antiviral Activity against SARS-CoV-2	seven compounds that have not previously been reported to have anti-SARS-CoV-2 activity: the CDK inhibitor AZD5438, the AKT inhibitor SC66, the VEGFR inhibitor BFH772, the NADPH oxidase inhibitor GKT137831, the RAD51 inhibitor B02, the steroid budesonide, and the anti-inflammatory compound cantharidin.	https://pubs.acs.org/doi/full/10.1021/acsinfecdis.1c00017
17	DB11342	0.000268696	0.99973124	DNA-DNA and DNA-RNA hybridization	Surface Functionalized Anodic Aluminum Oxide Membrane for Opto-Nanofluidic SARS-CoV-2 Genomic Target Detection	An ultra-thin and highly sensitive SARS-CoV-2 detection platform was demonstrated using a nano-porous anodic aluminum oxide (AAO) membrane.	https://ieeexplore.ieee.org/abstract/document/9526641
18	DB11127	0.000276717	0.99972326	–	Role of Selenium in Viral Infections with a Major Focus on SARS-CoV-2	gov that will examine the efficacy of Se (selenious acid infusion also known as sodium selenite) for the treatment of moderately-ill, severely ill, and critically ill COVID-19 patients	https://www.mdpi.com/1422-0067/23/1/280/htm
19	DB13178	0.000285523	0.99971443	mouse model	Role of inositol to improve surfactant functions and reduce IL-6 levels: A potential adjuvant strategy for SARS-CoV-2 pneumonia?	the action of myo-inositol on IRE1 endonuclease activity may also inhibit the replication of SARS-CoV-2	https://www.sciencedirect.com/science/article/pii/S0306987720325238
20	DB13245	0.000289247	0.99971074				
21	DB00194	0.000341161	0.9996588				
22	DB00960	0.000350644	0.9996494				
23	DB11967	0.000356515	0.99964345				
24	DB11098	0.00037954	0.99962044				
25	DB11678	0.0004005	0.9995995				
26	DB13063	0.00042746	0.9995726				
27	DB11748	0.000438486	0.9995615				
28	DB11068	0.000450498	0.99954945				
29	DB06768	0.000482366	0.9995177				
30	DB11689	0.000500575	0.99949944				
31	DB14203	0.000511625	0.99948835				
32	DB01179	0.000521309	0.99947876				
33	DB01004	0.000533967	0.999466				
34	DB06176	0.000581063	0.999419				
35	DB00446	0.00062235	0.99937767				
36	DB00822	0.000638793	0.9993612				
37	DB00443	0.000640175	0.9993598				
38	DB12010	0.000728193	0.9992718				
39	DB14178	0.000767132	0.9992329				
40	DB09145	0.00080204	0.999198				
41	DB08965	0.000833197	0.99916685				
42	DB11125	0.000861979	0.999138				
43	DB00928	0.000929453	0.9990706				
44	DB00864	0.000954289	0.99904567				
45	DB12529	0.000971302	0.9990287				
46	DB01024	0.001047038	0.998953				
47	DB01003	0.001056458	0.9989435				
48	DB00929	0.001236218	0.9987638				
49	DB01092	0.001244825	0.9987552				
50	DB01632	0.001244982	0.998755				
51	DB00119	0.001292768	0.9987072				
52	DB00399	0.00132027	0.9986797				
53	DB08889	0.001376388	0.9986236				
54	DB00262	0.001390441	0.99860954				
55	DB01339	0.001453654	0.99854636				
56	DB09146	0.001523895	0.9984761				
57	DB01299	0.001558727	0.9984413				
58	DB00511	0.001611261	0.99838877				
59	DB11633	0.001653934	0.9983461				
60	DB09112	0.001673126	0.99832684				
61	DB06137	0.001715768	0.99828416				
62	DB11326	0.001729767	0.9982703				
63	DB12942	0.001807733	0.99819225				
64	DB06603	0.00191879	0.9980812				
65	DB00688	0.001993559	0.9980064				
66	DB11431	0.002030312	0.9979697				
67	DB00565	0.002194257	0.9978058				
68	DB06723	0.002197639	0.9978023				
69	DB09282	0.00232435	0.99776757				
70	DB14475	0.002350248	0.9976497				
71	DB04834	0.0023613	0.9976387				
72	DB09042	0.002580607	0.99741936				
73	DB09063	0.002621131	0.99737895				
74	DB08874	0.002642174	0.9973578				
75	DB08860	0.002693576	0.99730647				
76	DB00362	0.002730286	0.9972697				
77	DB00889	0.002808443	0.9971916				
78	DB13249	0.003171489	0.9968285				
79	DB08801	0.003223177	0.9967769				
80	DB01229	0.003239469	0.99676055				
81	DB04398	0.003257616	0.9967424				
82	DB00410	0.003289912	0.99671006				

83	DB01030	0.003315077	0.99668497
84	DB00242	0.003398254	0.9966017
85	DB01248	0.003475574	0.9965244
86	DB00477	0.003492264	0.9965077
87	DB06287	0.003583015	0.9964169
88	DB14520	0.003600627	0.9963994
89	DB00315	0.003679474	0.9963205
90	DB13179	0.003689977	0.99631006
91	DB11151	0.003852658	0.9961474
92	DB13952	0.00394808	0.99605197
93	DB00322	0.004064297	0.9959357
94	DB00342	0.004078431	0.9959216
95	DB09477	0.004112673	0.99588734
96	DB01268	0.00433318	0.99566674
97	DB06441	0.004490262	0.99550974
98	DB13282	0.004509331	0.99549073
99	DB11641	0.004540091	0.99545985
100	DB11718	0.004699128	0.9953009
101	DB13265	0.004876502	0.99512345
102	DB09241	0.005027936	0.994972
103	DB01234	0.005183468	0.9948165
104	DB11183	0.005185871	0.99481416
105	DB11742	0.005363312	0.9946367
106	DB00718	0.005416846	0.9945832
107	DB00548	0.005440359	0.9945596
108	DB00987	0.005562337	0.9944377
109	DB14845	0.005665407	0.9943346
110	DB12767	0.005717403	0.9942826
111	DB00995	0.005808424	0.9941916
112	DB00550	0.005883996	0.99411595
113	DB01421	0.005955443	0.9940446
114	DB06616	0.006054328	0.99394566
115	DB09165	0.006170322	0.99382967
116	DB14485	0.006245096	0.99375486
117	DB01079	0.006349443	0.9936506
118	DB03166	0.006360475	0.9936395
119	DB01394	0.006588623	0.99341136
120	DB00790	0.00660993	0.9933901
121	DB00877	0.006685304	0.9933147
122	DB14506	0.006701543	0.9932985
123	DB01245	0.006730821	0.99326915
124	DB14702	0.006911349	0.99308866
125	DB01005	0.006951714	0.9930483
126	DB02546	0.006969153	0.99303085
127	DB00705	0.006985166	0.9930148
128	DB01188	0.007290955	0.99270904
129	DB06796	0.007377543	0.9926225
130	DB00977	0.007450413	0.99254954
131	DB12483	0.007525984	0.992474
132	DB03312	0.007620738	0.9923793
133	DB08949	0.007651144	0.9923489
134	DB14483	0.007750713	0.99224925
135	DB04209	0.007767155	0.9922328
136	DB11963	0.007945118	0.99205494
137	DB06213	0.008161505	0.9918385
138	DB05630	0.008172304	0.9918277
139	DB01254	0.008384584	0.99161536
140	DB00157	0.008628526	0.9913715
141	DB11583	0.008817299	0.9911827
142	DB00851	0.008856363	0.9911437
143	DB00641	0.008990534	0.9910095
144	DB00158	0.009308412	0.9906916
145	DB04173	0.00940244	0.99059755
146	DB06684	0.009409945	0.9905901
147	DB00207	0.009970797	0.9900293
148	DB00518	0.010178609	0.98982143
149	DB08818	0.010683961	0.9893161
150	DB00738	0.010925733	0.9890743
151	DB00642	0.011619311	0.9883807
152	DB09314	0.011870822	0.9881292
153	DB00452	0.011970717	0.9880293
154	DB04115	0.012176139	0.98782384
155	DB15685	0.012251282	0.9877487
156	DB13158	0.012431113	0.9875689
157	DB09481	0.012541188	0.9874588
158	DB01256	0.012792338	0.9872077
159	DB01180	0.013013831	0.9869862
160	DB08899	0.013063277	0.98693675
161	DB14881	0.013181238	0.9868188
162	DB04564	0.013205002	0.986795
163	DB01126	0.013210963	0.98678905
164	DB00361	0.013240602	0.98675936
165	DB00543	0.013535599	0.9864644
166	DB04160	0.013804073	0.9861959
167	DB01045	0.013804464	0.98619556
168	DB06215	0.01389877	0.9861012
169	DB14174	0.013972131	0.98602784
170	DB09483	0.01429851	0.98570144
171	DB04812	0.014326819	0.9856732
172	DB11609	0.014351673	0.9856483
173	DB11255	0.014406514	0.9855935
174	DB06717	0.014439367	0.9855606
175	DB01330	0.014618892	0.9853812
176	DB01590	0.014774307	0.98522574
177	DB01332	0.014889065	0.98511094
178	DB09374	0.015391855	0.9846081
179	DB06694	0.015470188	0.98452973
180	DB00592	0.0155155	0.98448443
181	DB14007	0.015586918	0.9844131
182	DB01914	0.015775444	0.98422456
183	DB11594	0.015785092	0.98421484
184	DB14518	0.015872763	0.9841272
185	DB09326	0.016761841	0.9832381
186	DB01213	0.016882425	0.9831176
187	DB11750	0.017120266	0.9828797
188	DB12674	0.017274644	0.98272544
189	DB11942	0.01733822	0.9826617
190	DB00643	0.017420914	0.9825791
191	DB11129	0.017695118	0.98230493
192	DB09274	0.018716244	0.9812837
193	DB01415	0.01878512	0.9812149
194	DB00156	0.01889314	0.9811069
195	DB09031	0.01909453	0.9809054
196	DB01135	0.019291705	0.9807083
197	DB00206	0.0193937	0.98060626
198	DB00337	0.019839276	0.9801608
199	DB00898	0.020207658	0.97979236
200	DB00440	0.02022587	0.9797742
201	DB00944	0.020545091	0.9794549
202	DB00114	0.021079635	0.97892034
203	DB09401	0.021980705	0.97801924
204	DB00970	0.022453515	0.9775465
205	DB05109	0.022607949	0.9773921
206	DB00781	0.02269003	0.97730994
207	DB13749	0.023392813	0.97660714
208	DB04743	0.02433808	0.9756619
209	DB00385	0.024394486	0.9756055
210	DB11652	0.02461443	0.9753856
211	DB00620	0.025011161	0.9749888
212	DB13751	0.025140405	0.97485954
213	DB04820	0.025424615	0.9745754
214	DB11153	0.025450427	0.9745496
215	DB12313	0.025872856	0.9741271
216	DB01226	0.027581815	0.9724181
217	DB00584	0.027614813	0.9723852
218	DB00630	0.027746564	0.9722534
219	DB09121	0.027868072	0.9721319
220	DB15534	0.027949955	0.97205
221	DB11732	0.028039316	0.9719607
222	DB13146	0.029219003	0.970781
223	DB01284	0.029485766	0.97051424
224	DB11264	0.029569201	0.97043085

225	DB00631	0.029584022	0.970416
226	DB14509	0.030215189	0.96978486
227	DB00773	0.030543242	0.9694568
228	DB00640	0.032045227	0.9679548
229	DB08873	0.032161716	0.96783835
230	DB13995	0.0323294	0.9676706
231	DB06145	0.032453816	0.96754616
232	DB11855	0.033474363	0.9665256
233	DB00883	0.033641703	0.96635836
234	DB00284	0.03371318	0.9662868
235	DB14202	0.033746805	0.96625316
236	DB00839	0.034030497	0.96596956
237	DB11596	0.034164038	0.965836
238	DB00713	0.035791807	0.9642081
239	DB00249	0.03640247	0.96359754
240	DB00552	0.036695093	0.9633049
241	DB00884	0.03699962	0.9630004
242	DB06724	0.03761884	0.9623812
243	DB09026	0.038732648	0.96126735
244	DB01066	0.03987947	0.96012056
245	DB15594	0.040197745	0.9598022
246	DB01098	0.040613897	0.95938605
247	DB11753	0.040978782	0.95902115
248	DB08912	0.04264684	0.9573532
249	DB12267	0.043065403	0.9569346
250	DB09327	0.04330072	0.95669925
251	DB01154	0.04389345	0.95610654
252	DB00273	0.045161463	0.9548386
253	DB12500	0.047717854	0.9522822
254	DB00879	0.04838854	0.95161146
255	DB00817	0.048392057	0.951608
256	DB12825	0.04848817	0.9515118
257	DB13711	0.048549723	0.9514503
258	DB09138	0.048992615	0.9510074
259	DB15328	0.04945693	0.95054305
260	DB12147	0.050541714	0.94945824
261	DB08823	0.05074493	0.9492551
262	DB00594	0.050760474	0.9492395
263	DB08882	0.05106071	0.94893926
264	DB09030	0.051523563	0.94847643
265	DB03247	0.051993452	0.9480065
266	DB01357	0.052263867	0.94773614
267	DB00703	0.052783594	0.9472164
268	DB14669	0.053612053	0.946388
269	DB01022	0.054159608	0.94584036
270	DB09299	0.054379627	0.9456204
271	DB14482	0.054811254	0.94518876
272	DB01100	0.0570271	0.94297296
273	DB00507	0.057552062	0.9424479
274	DB01273	0.057595428	0.94240457
275	DB00479	0.057810254	0.9421897
276	DB01123	0.058033478	0.9419665
277	DB00305	0.059050024	0.94095004
278	DB01392	0.059809603	0.9401904
279	DB05273	0.062534764	0.93746525
280	DB08842	0.06265253	0.93734753
281	DB13421	0.0630761	0.9369239
282	DB16019	0.063101456	0.9368985
283	DB01214	0.06354844	0.9364516
284	DB13851	0.06553393	0.934466
285	DB00492	0.06718521	0.9328147
286	DB00309	0.06748597	0.932514
287	DB00468	0.0704705	0.92952955
288	DB00814	0.07068259	0.9293174
289	DB00756	0.07072263	0.92927736
290	DB09144	0.07088053	0.92911947
291	DB01338	0.071373776	0.9286263
292	DB11171	0.07155484	0.92844516
293	DB00220	0.0725568	0.9274432
294	DB01211	0.072583534	0.92741644
295	DB05382	0.073548086	0.9264519
296	DB00563	0.074122705	0.92587733
297	DB06794	0.07582565	0.92417437
298	DB00497	0.07606248	0.9239375
299	DB13381	0.07750224	0.92249775
300	DB00825	0.078213304	0.92178667
301	DB04880	0.07831223	0.92168784
302	DB06636	0.07840732	0.9215927
303	DB03614	0.07929049	0.9207095
304	DB00710	0.0793929	0.92060715
305	DB00896	0.0794281	0.92057186
306	DB00999	0.08051298	0.91948706
307	DB06772	0.08158719	0.9184128
308	DB00819	0.08350038	0.9164996
309	DB04946	0.084390715	0.9156093
310	DB00581	0.08511594	0.9148841
311	DB00671	0.08553469	0.9144653
312	DB06697	0.08564175	0.91435826
313	DB12001	0.08707036	0.9129296
314	DB06827	0.088177815	0.91182214
315	DB00599	0.089141704	0.91085833
316	DB00911	0.09002417	0.90997577
317	DB11915	0.09116553	0.9088345
318	DB01582	0.09168731	0.9083127
319	DB06193	0.09224072	0.90775925
320	DB13879	0.0926162	0.9073838
321	DB00908	0.095635384	0.90436465
322	DB11197	0.095700316	0.90429974
323	DB00130	0.09576751	0.90423244
324	DB04570	0.09652101	0.903479
325	DB14600	0.096716814	0.90328324
326	DB08884	0.10020828	0.8997917
327	DB08865	0.10053202	0.89946806
328	DB09421	0.10064723	0.8993528
329	DB14189	0.10245802	0.897542
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331	DB00728	0.10325359	0.8967464
332	DB00300	0.103294596	0.8967054
333	DB09473	0.103488185	0.8965118
334	DB14761	0.10413102	0.89586896
335	DB09080	0.10426595	0.895734
336	DB00529	0.104366645	0.8956334
337	DB05676	0.10462158	0.8953784
338	DB14106	0.107378826	0.89262116
339	DB00863	0.10746754	0.8925324
340	DB00778	0.10943925	0.8905608
341	DB00006	0.109921776	0.8900782
342	DB00779	0.11050813	0.88949186
343	DB00762	0.11082378	0.88917625
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345	DB00820	0.11240149	0.88759845
346	DB13157	0.11282487	0.88717514
347	DB11936	0.11423787	0.8857621
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349	DB01093	0.11462775	0.8853722
350	DB00669	0.1147365	0.8852635
351	DB09281	0.11642481	0.8835752
352	DB06789	0.118004784	0.8819952
353	DB00343	0.12006937	0.8799306
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356	DB06335	0.12324212	0.87675786
357	DB00801	0.124035	0.875965
358	DB14488	0.12409623	0.8759037
359	DB09400	0.12455116	0.87544876
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363	DB09065	0.12678003	0.87322
364	DB09242	0.12739222	0.87260777
365	DB12329	0.12746704	0.87253296
366	DB11262	0.1275893	0.87241066

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368	DB08439	0.13036464	0.86963534
369	DB00720	0.13194698	0.8680531
370	DB01026	0.13335872	0.8666412
371	DB12153	0.13467737	0.86532265
372	DB14201	0.13537458	0.86462545
373	DB00716	0.135415	0.864585
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378	DB12020	0.13893628	0.86106366
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381	DB00976	0.1402483	0.85975176
382	DB00400	0.14067633	0.8593237
383	DB01051	0.14078969	0.8592103
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385	DB13928	0.14169136	0.8583086
386	DB04865	0.14266613	0.85733384
387	DB01337	0.14285778	0.85714227
388	DB09137	0.14359415	0.8564058
389	DB01369	0.14674786	0.8532522
390	DB01336	0.1467867	0.8532133
391	DB08824	0.14964882	0.85035115
392	DB05812	0.15115328	0.84884673
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394	DB00180	0.15204327	0.8479568
395	DB00304	0.15224254	0.8477575
396	DB15617	0.15312836	0.8468716
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398	DB11691	0.15503064	0.84496945
399	DB14110	0.15505934	0.84494066
400	DB03128	0.15673727	0.84326273
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404	DB09149	0.15773161	0.84226835
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407	DB01430	0.15975258	0.84024745
408	DB09152	0.1598847	0.84011525
409	DB11815	0.16333193	0.8366681
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412	DB03209	0.1652298	0.8347702
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417	DB00921	0.17010221	0.8298978
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421	DB01698	0.1739705	0.8260295
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433	DB00536	0.18643841	0.8135616
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435	DB00585	0.18705995	0.81294006
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438	DB14002	0.1898895	0.81011057
439	DB11279	0.19114533	0.80885464
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443	DB08916	0.19392926	0.80607074
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445	DB01583	0.19441168	0.8055883
446	DB09296	0.19532678	0.8046732
447	DB06705	0.19613339	0.8038666
448	DB14569	0.1972398	0.8027602
449	DB09571	0.19771221	0.8022878
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451	DB08864	0.20037475	0.7996253
452	DB06766	0.20082472	0.79917526
453	DB11363	0.20294718	0.7970528
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455	DB04844	0.20382772	0.79617226
456	DB12243	0.2049073	0.7950927
457	DB00732	0.2064354	0.7935646
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459	DB01132	0.20709924	0.7929008
460	DB01178	0.2081255	0.7918745
461	DB12615	0.20823385	0.79176617
462	DB01195	0.20833112	0.7916689
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465	DB09372	0.20952544	0.7904746
466	DB11577	0.20991232	0.79008764
467	DB12097	0.21162018	0.7883798
468	DB00520	0.21197565	0.7880244
469	DB13947	0.21291554	0.7870845
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477	DB09079	0.22924688	0.77075315
478	DB13322	0.23116875	0.76883125
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482	DB11181	0.24018039	0.7598196
483	DB00478	0.24099171	0.7590083
484	DB01177	0.24145633	0.75854367
485	DB00615	0.24245712	0.7575429
486	DB01145	0.24351479	0.75648516
487	DB01152	0.24384779	0.7561523
488	DB09267	0.24524958	0.75475043
489	DB15233	0.25117832	0.7488217
490	DB00601	0.25133207	0.7486679
491	DB06767	0.25269583	0.74730414
492	DB08822	0.2540081	0.7459919
493	DB04348	0.25536454	0.7446355
494	DB01032	0.25693655	0.74306345
495	DB00637	0.2571984	0.7428016
496	DB11210	0.2604352	0.7395648
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502	DB00224	0.26713067	0.7328693
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747	DB00947	0.57670414	0.42329592
748	DB09270	0.5780595	0.4219405
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752	DB06825	0.5804881	0.41951188
753	DB00645	0.58186996	0.41813004
754	DB13247	0.5827644	0.4172356
755	DB01297	0.58304876	0.41695127
756	DB01196	0.5847727	0.41522726
757	DB01328	0.58748436	0.4125156
758	DB09097	0.58804125	0.41195878
759	DB00280	0.58844674	0.41155323
760	DB00395	0.5902718	0.4097283
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762	DB00335	0.5931718	0.40682822
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764	DB00429	0.5986608	0.4013391
765	DB09055	0.6027034	0.39729658
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767	DB13944	0.60732734	0.39267263
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784	DB01544	0.6291316	0.37086844
785	DB01501	0.6306358	0.36936417
786	DB01839	0.63286185	0.3671381
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788	DB11986	0.6337	0.3663
789	DB00402	0.63592225	0.36407778
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791	DB02703	0.6365277	0.36347222
792	DB04339	0.6366868	0.3633132

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2330	DB09938	0.9999702	2.98E-05
2331	DB00648	0.99997044	2.96E-05
2332	DB14638	0.99997187	2.81E-05
2333	DB12364	0.99997187	2.81E-05
2334	DB08907	0.99997246	2.76E-05
2335	DB06155	0.99997306	2.69E-05
2336	DB14650	0.99997354	2.65E-05
2337	DB00197	0.99997437	2.57E-05
2338	DB09278	0.99997497	2.50E-05
2339	DB09355	0.99997544	2.45E-05
2340	DB04854	0.99997556	2.45E-05
2341	DB09546	0.99997556	2.44E-05
2342	DB13256	0.9999759	2.41E-05
2343	DB11629	0.9999763	2.37E-05
2344	DB00264	0.9999776	2.25E-05
2345	DB00472	0.9999784	2.16E-05
2346	DB13853	0.9999807	1.93E-05
2347	DB14191	0.9999807	1.93E-05
2348	DB13155	0.999982	1.80E-05
2349	DB00451	0.99998224	1.78E-05
2350	DB00996	0.9999825	1.75E-05
2351	DB13953	0.9999825	1.75E-05
2352	DB00593	0.9999831	1.69E-05
2353	DB00166	0.9999838	1.62E-05
2354	DB11226	0.99998415	1.59E-05

2355	DB00787	0.9999845	1.55E-05
2356	DB14120	0.9999846	1.54E-05
2357	DB09357	0.9999846	1.54E-05
2358	DB08943	0.999985	1.51E-05
2359	DB00508	0.99998546	1.46E-05
2360	DB00942	0.9999857	1.43E-05
2361	DB00574	0.99998593	1.41E-05
2362	DB01236	0.99998605	1.40E-05
2363	DB00568	0.99998605	1.40E-05
2364	DB00744	0.9999862	1.38E-05
2365	DB00233	0.9999863	1.37E-05
2366	DB06228	0.9999864	1.35E-05
2367	DB09414	0.99998677	1.33E-05
2368	DB04948	0.99998677	1.32E-05
2369	DB15576	0.9999869	1.31E-05
2370	DB09449	0.9999871	1.29E-05
2371	DB13117	0.99998724	1.28E-05
2372	DB00922	0.9999875	1.26E-05
2373	DB01070	0.9999876	1.24E-05
2374	DB00586	0.99998784	1.21E-05
2375	DB00741	0.99998796	1.20E-05
2376	DB05271	0.9999883	1.17E-05
2377	DB01031	0.99998856	1.14E-05
2378	DB11254	0.9999887	1.14E-05
2379	DB09407	0.9999887	1.13E-05
2380	DB11328	0.9999888	1.12E-05
2381	DB00368	0.99998975	1.03E-05
2382	DB00874	0.99998987	1.01E-05
2383	DB01370	0.99999	1.00E-05
2384	DB11064	0.99999	9.97E-06
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2386	DB06736	0.99999034	9.70E-06
2387	DB00860	0.99999094	9.08E-06
2388	DB13277	0.99999106	8.96E-06
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2390	DB00752	0.99999213	7.86E-06
2391	DB00425	0.9999924	7.66E-06
2392	DB06771	0.9999926	7.40E-06
2393	DB01175	0.9999926	7.38E-06
2394	DB11071	0.99999285	7.11E-06
2395	DB12982	0.99999356	6.47E-06
2396	DB01063	0.99999356	6.45E-06
2397	DB14084	0.9999937	6.31E-06
2398	DB13278	0.9999938	6.22E-06
2399	DB00519	0.99999404	5.99E-06
2400	DB04794	0.99999404	5.98E-06
2401	DB13501	0.99999404	5.93E-06
2402	DB00509	0.99999404	5.92E-06
2403	DB01064	0.99999404	5.92E-06
2404	DB00635	0.99999416	5.82E-06
2405	DB00366	0.99999416	5.82E-06
2406	DB00228	0.9999944	5.60E-06
2407	DB01073	0.9999944	5.59E-06
2408	DB09490	0.9999944	5.56E-06
2409	DB09516	0.9999944	5.55E-06
2410	DB00289	0.99999464	5.41E-06
2411	DB00654	0.99999464	5.33E-06
2412	DB14783	0.99999464	5.32E-06
2413	DB00502	0.999995	5.03E-06
2414	DB00473	0.9999951	4.86E-06
2415	DB00226	0.99999535	4.68E-06
2416	DB01250	0.99999547	4.50E-06
2417	DB01062	0.9999957	4.29E-06
2418	DB01191	0.9999958	4.15E-06
2419	DB00986	0.9999962	3.76E-06
2420	DB06210	0.9999963	3.75E-06
2421	DB06804	0.9999963	3.70E-06
2422	DB11148	0.9999964	3.62E-06
2423	DB09117	0.99999654	3.50E-06
2424	DB06718	0.99999666	3.37E-06
2425	DB06802	0.99999666	3.30E-06
2426	DB00759	0.99999666	3.28E-06
2427	DB01280	0.9999968	3.19E-06
2428	DB11062	0.999997	2.96E-06
2429	DB09352	0.99999714	2.81E-06
2430	DB00500	0.99999726	2.69E-06
2431	DB00499	0.9999975	2.53E-06
2432	DB00657	0.9999975	2.50E-06
2433	DB13248	0.9999976	2.43E-06
2434	DB01325	0.9999976	2.42E-06
2435	DB00580	0.9999976	2.33E-06
2436	DB09205	0.9999981	1.96E-06
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2439	DB11257	0.9999982	1.76E-06
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2445	DB11115	0.9999987	1.37E-06
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2447	DB06700	0.9999988	1.24E-06
2448	DB09378	0.9999988	1.19E-06
2449	DB00715	0.9999988	1.14E-06
2450	DB00888	0.9999989	1.12E-06
2451	DB00966	0.9999989	1.05E-06
2452	DB00379	0.99999905	1.01E-06
2453	DB01235	0.99999905	9.26E-07
2454	DB14212	0.99999917	8.76E-07
2455	DB00605	0.99999917	8.69E-07
2456	DB01418	0.99999917	8.33E-07
2457	DB00959	0.99999917	8.16E-07
2458	DB02300	0.99999917	8.00E-07
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2463	DB11081	0.99999964	3.20E-07
2464	DB01086	0.99999964	3.17E-07
2465	DB13116	0.99999964	3.02E-07
2466	DB15916	0.99999976	2.93E-07
2467	DB14177	0.99999976	2.87E-07
2468	DB01609	0.99999976	2.47E-07
2469	DB06795	0.99999976	2.40E-07
2470	DB11387	0.99999976	2.08E-07
2471	DB03754	0.99999976	2.05E-07
2472	DB00600	0.99999976	1.92E-07
2473	DB01600	0.9999999	1.77E-07
2474	DB01110	0.9999999	1.74E-07
2475	DB13628	0.9999999	1.67E-07
2476	DB13219	0.9999999	1.48E-07
2477	DB09096	0.9999999	1.34E-07
2478	DB01580	0.9999999	9.78E-08
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2485	DB09216	1	4.71E-08
2486	DB06729	1	3.80E-08
2487	DB04813	1	3.72E-08
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2489	DB00292	1	3.29E-08
2490	DB01115	1	2.46E-08
2491	DB09225	1	2.10E-08
2492	DB00861	1	1.55E-08
2493	DB00299	1	1.47E-08
2494	DB08981	1	1.45E-08
2495	DB09366	1	1.37E-08
2496	DB14517	1	1.23E-08

2497	DB13211	1	1.21E-08
2498	DB11160	1	5.63E-09
2499	DB01359	1	5.10E-09
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