

Supplemental Material

Genomic characterization of a novel SARS-CoV-2 lineage from Rio de Janeiro, Brazil

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Carolina M Voloch and Ronaldo da Silva F Jr contributed equally to this work. Author order was determined on the basis of seniority.

Supplemental Material Contents:

SM 1: Sample information, quality control and sequencing metrics, and accession numbers in NCBI/SRA and GISAID.

SM 2: GISAID acknowledgement table.

SM 1: Sample information, quality control and sequencing metrics, and accession numbers in NCBI/SRA and GISAID.

Sample	BioSamples (BioProject ID: PRJNA686081)	Accession ID	Epi. Week	Gender	Age	Bases mapped (cov > 1)	% coverage	mean coverage	#SNVs
1	SAMN17104460	EPI_ISL_717832	23	M	51-55	29892	99,96	6099x	14
2	SAMN17104461	EPI_ISL_717833	23	M	41-45	29863	99,87	4877x	12
3	SAMN17104462	EPI_ISL_717834	23	F	31-35	29834	99,77	3190x	10
4	SAMN17104463	EPI_ISL_717835	23	M	31-35	29656	99,17	3925x	16
5	SAMN17104464	EPI_ISL_717836	23	F	26-30	29863	99,87	3672x	11
6	SAMN17104465	EPI_ISL_717837	15	unknown	unknown	29805	99,67	5584x	13
7	SAMN17104466	EPI_ISL_717838	15	unknown	unknown	29842	99,80	3572x	9
8	SAMN17104467	EPI_ISL_717839	15	unknown	unknown	29884	99,94	4214x	12
9	SAMN17104468	EPI_ISL_717840	16	unknown	unknown	29873	99,90	6455x	12
10	SAMN17104431	EPI_ISL_717810	16	unknown	unknown	29901	99,99	5334x	10
11	SAMN17104469	EPI_ISL_717841	31	F	31-35	29866	99,88	2033x	15
12	SAMN17104597	EPI_ISL_717958	31	M	36-40	29862	99,86	1598x	21
13	SAMN17104470	EPI_ISL_717842	16	unknown	unknown	29770	99,56	3417x	13
14	SAMN17104432	EPI_ISL_717811	16	unknown	unknown	29837	99,78	3358x	13
15	SAMN17104471	EPI_ISL_717843	17	unknown	unknown	29812	99,70	3892x	12
16	SAMN17104472	EPI_ISL_717844	17	unknown	unknown	29866	99,88	4386x	15
17	SAMN17104473	EPI_ISL_717845	23	F	41-45	29895	99,97	3122x	11
18	SAMN17104474	EPI_ISL_717846	23	F	21-25	29873	99,90	1512x	12
19	SAMN17104433	EPI_ISL_717812	23	M	16-20	29895	99,97	6015x	10
20	SAMN17104475	EPI_ISL_717847	23	M	36-40	29862	99,86	3404x	11
21	SAMN17104476	EPI_ISL_717848	23	M	51-55	29857	99,85	186x	11
22	SAMN17104477	EPI_ISL_717849	23	F	51-55	29842	99,80	238x	12
23	SAMN17104478	EPI_ISL_717850	23	F	41-45	29818	99,72	809x	11
24	SAMN17104434	EPI_ISL_717813	23	F	31-35	29850	99,82	2750x	11
25	SAMN17104479	EPI_ISL_717851	23	M	unknown	29900	99,99	3284x	13
26	SAMN17104480	EPI_ISL_717852	23	M	41-45	29855	99,84	2472x	11
27	SAMN17104481	EPI_ISL_717853	27	M	31-35	29903	100,00	4489x	16
28	SAMN17104482	EPI_ISL_717854	27	M	31-35	29880	99,92	4846x	16
29	SAMN17104483	EPI_ISL_717855	27	M	unknown	29886	99,94	771x	14
30	SAMN17104484	EPI_ISL_717856	27	F	26-30	29874	99,90	606x	14
31	SAMN17104485	EPI_ISL_717857	27	M	41-45	29795	99,64	227x	15
32	SAMN17104486	EPI_ISL_717858	27	F	unknown	29812	99,70	223x	13
33	SAMN17104487	EPI_ISL_717859	27	M	unknown	29816	99,71	3744x	15
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35	SAMN17104489	EPI_ISL_717861	28	F	56-60	29851	99,83	1396x	14
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37	SAMN17104491	EPI_ISL_717863	32	F	31-35	29886	99,94	795x	17
38	SAMN17104598	EPI_ISL_717959	32	F	26-30	29822	99,73	2318x	20
39	SAMN17104492	EPI_ISL_717864	32	F	26-30	29775	99,57	623x	12
40	SAMN17104493	EPI_ISL_717865	32	M	unknown	29851	99,83	3482x	15
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43	SAMN17104496	EPI_ISL_717868	32	F	56-60	29900	99,99	3969x	12
44	SAMN17104435	EPI_ISL_717814	36	F	36-40	29883	99,93	2581x	12
45	SAMN17104436	EPI_ISL_717815	36	F	21-25	29813	99,70	196x	14
46	SAMN17104425	EPI_ISL_717806	36	F	26-30	29813	99,70	196x	13
47	SAMN17104437	EPI_ISL_717816	36	M	36-40	29877	99,91	4189x	15
48	SAMN17104497	EPI_ISL_717869	36	F	31-35	29834	99,77	329x	18
49	SAMN17104498	EPI_ISL_717870	36	F	21-25	29894	99,97	6527x	16
50	SAMN17104499	EPI_ISL_717871	36	F	56-60	29885	99,94	8077x	17
51	SAMN17104438	EPI_ISL_717817	36	F	46-50	29903	100,00	4975x	15
52	SAMN17104500	EPI_ISL_717872	36	F	31-35	29900	99,99	4182x	17
53	SAMN17104501	EPI_ISL_717873	37	F	21-25	29856	99,84	1659x	14
54	SAMN17104439	EPI_ISL_717818	41	F	56-60	29821	99,73	280x	17
55	SAMN17104564	EPI_ISL_717925	41	F	26-30	29664	99,20	146x	20
56	SAMN17104502	EPI_ISL_717874	41	F	26-30	29892	99,96	3406x	20
57	SAMN17104503	EPI_ISL_717875	41	M	41-45	29859	99,85	2032x	21
58	SAMN17104504	EPI_ISL_717793	41	M	46-50	29462	98,53	483x	17
59	SAMN17104599	EPI_ISL_717960	41	M	31-35	29894	99,97	2134x	19
60	SAMN17104505	EPI_ISL_717876	41	F	31-35	29892	99,96	2218x	16
61	SAMN17104440	EPI_ISL_717819	41	F	26-30	29880	99,92	3147x	14
62	SAMN17104506	EPI_ISL_717877	44	M	36-40	29899	99,99	5256x	22
63	SAMN17104565	EPI_ISL_717926	44	M	36-40	29857	99,85	3084x	22
64	SAMN17104507	EPI_ISL_717878	44	F	71-75	29900	99,99	5739x	20
65	SAMN17104441	EPI_ISL_717820	44	F	61-65	29814	99,70	232x	18
66	SAMN17104442	EPI_ISL_717821	44	M	41-45	29903	100,00	5119x	14
67	SAMN17104508	EPI_ISL_717879	44	M	26-30	29862	99,86	5291x	22
68	SAMN17104509	EPI_ISL_717880	44	F	26-30	29899	99,99	7305x	15
69	SAMN17104510	EPI_ISL_717881	44	M	61-65	29903	100,00	12881x	15
70	SAMN17104511	EPI_ISL_717882	44	F	21-25	29870	99,89	6051x	17
71	SAMN17104443	EPI_ISL_717822	44	M	56-60	29895	99,97	2874x	18
72	SAMN17104559	EPI_ISL_717921	44	M	31-35	29769	99,55	547x	20
73	SAMN17104566	EPI_ISL_717927	44	M	86-90	29842	99,80	457x	19
74	SAMN17104567	EPI_ISL_717928	44	M	41-45	29899	99,99	7187x	21
75	SAMN17104568	EPI_ISL_717929	44	M	41-45	29874	99,90	7047x	23
76	SAMN17104512	EPI_ISL_717883	44	F	26-30	29656	99,17	6299x	15
77	SAMN17104513	EPI_ISL_717884	44	M	41-45	29788	99,62	3977x	15
78	SAMN17104569	EPI_ISL_717930	44	F	41-45	29838	99,78	481x	26
79	SAMN17104514	EPI_ISL_717885	44	F	66-70	29856	99,84	6884x	17

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81	SAMN17104570	EPI_ISL_717931	44	F	31-35	29895	99,97	3178x	21
82	SAMN17104444	EPI_ISL_717823	44	F	46-50	29855	99,84	1845x	23
83	SAMN17104571	EPI_ISL_717932	44	M	21-25	29849	99,82	4245x	19
84	SAMN17104572	EPI_ISL_717933	44	F	56-60	29874	99,90	3147x	19
85	SAMN17104573	EPI_ISL_717934	44	F	36-40	29874	99,90	5465x	19
86	SAMN17104574	EPI_ISL_717935	44	F	36-40	29899	99,99	4732x	22
87	SAMN17104558	EPI_ISL_717920	44	M	21-25	29849	99,82	6343x	18
88	SAMN17104575	EPI_ISL_717936	44	M	21-25	29894	99,97	3014x	18
89	SAMN17104563	EPI_ISL_717924	44	M	51-55	29896	99,98	3356x	28
90	SAMN17104576	EPI_ISL_717937	44	M	31-35	29866	99,88	6804x	24
91	SAMN17104577	EPI_ISL_717938	44	M	26-30	29888	99,95	7552x	20
92	SAMN17104445	EPI_ISL_717824	44	F	26-30	29857	99,85	208x	18
93	SAMN17104516	EPI_ISL_717887	44	F	56-60	29901	99,99	3840x	18
94	SAMN17104517	EPI_ISL_717888	44	M	46-50	29871	99,89	2033x	15
95	SAMN17104560	EPI_ISL_717922	44	M	21-25	29862	99,86	2977x	23
96	SAMN17104578	EPI_ISL_717939	44	M	76-80	29860	99,86	5938x	24
97	SAMN17104579	EPI_ISL_717940	44	M	66-70	29832	99,76	2186x	19
98	SAMN17104580	EPI_ISL_717941	44	F	61-65	29876	99,91	3926x	19
99	SAMN17104455	EPI_ISL_717831	44	M	21-25	29903	100,00	3992x	20
100	SAMN17104518	EPI_ISL_717889	44	M	26-30	29869	99,89	8590x	16
101	SAMN17104581	EPI_ISL_717942	45	F	16-20	29653	99,16	7212x	21
102	SAMN17104519	EPI_ISL_717890	45	F	31-35	29784	99,60	3350x	17
103	SAMN17104520	EPI_ISL_717891	45	F	31-35	29903	100,00	4556x	19
104	SAMN17104582	EPI_ISL_717943	45	M	41-45	29870	99,89	5648x	21
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106	SAMN17104447	EPI_ISL_717826	45	M	26-30	29849	99,82	1777x	18
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108	SAMN17104584	EPI_ISL_717945	45	F	unknown	29866	99,88	4022x	26
109	SAMN17104585	EPI_ISL_717946	45	F	unknown	29862	99,86	4538x	26
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111	SAMN17104448	EPI_ISL_717827	45	F	26-30	29862	99,86	6470x	20
112	SAMN17104587	EPI_ISL_717948	45	M	36-40	29903	100,00	4804x	22
113	SAMN17104588	EPI_ISL_717949	45	M	41-45	29893	99,97	3988x	21
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115	SAMN17104589	EPI_ISL_717950	45	F	unknown	29772	99,56	2613x	20
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121	SAMN17104590	EPI_ISL_717951	45	M	26-30	29837	99,78	1222x	19
122	SAMN17104591	EPI_ISL_717952	45	M	31-35	29622	99,06	3781x	18
123	SAMN17104592	EPI_ISL_717953	45	F	16-20	29843	99,80	5386x	21
124	SAMN17104593	EPI_ISL_717954	45	F	41-45	29863	99,87	3191x	22
125	SAMN17104424	EPI_ISL_717802	45	F	51-55	25468	85,17	815x	6

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127	SAMN17104561	EPI_ISL_717805	45	F	36-40	26511	88,66	1658x	13
128	SAMN17104426	EPI_ISL_717801	45	M	26-30	25386	84,89	430x	5
129	SAMN17104525	EPI_ISL_717896	45	M	21-25	29900	99,99	1763x	17
130	SAMN17104450	EPI_ISL_717829	45	M	unknown	29770	99,56	6303x	20
131	SAMN17104526	EPI_ISL_717897	45	M	46-50	29862	99,86	5604x	24
132	SAMN17104562	EPI_ISL_717923	45	M	26-30	29633	99,10	7617x	21
133	SAMN17104527	EPI_ISL_717898	45	F	21-25	29802	99,66	5656x	12
134	SAMN17104427	EPI_ISL_717807	45	F	41-45	29897	99,98	3314x	24
135	SAMN17104594	EPI_ISL_717955	45	F	26-30	29869	99,89	5781x	24
136	SAMN17104595	EPI_ISL_717956	45	M	41-45	29832	99,76	7224x	21
137	SAMN17104596	EPI_ISL_717957	45	F	26-30	29903	100,00	4684x	20
138	SAMN17104451	EPI_ISL_717830	45	F	56-60	29902	100,00	5144x	15
139	SAMN17104600	EPI_ISL_717961	45	M	56-60	29788	99,62	5547x	19
140	SAMN17104528	EPI_ISL_717899	31	M	36-40	29879	99,92	3934x	13
141	SAMN17104529	EPI_ISL_717796	31	F	36-40	27479	91,89	280x	15
142	SAMN17104530	EPI_ISL_717900	31	F	46-50	29740	99,45	3813x	16
143	SAMN17104531	EPI_ISL_717901	31	M	61-65	29892	99,96	4239x	17
144	SAMN17104532	EPI_ISL_717797	27	M	61-65	27695	92,62	764x	9
145	SAMN17104452	EPI_ISL_717787	27	F	41-45	29144	97,46	356x	11
146	SAMN17104533	EPI_ISL_717788	31	F	46-50	29358	98,18	5426x	16
147	SAMN17104534	EPI_ISL_717902	31	F	26-30	29660	99,19	4044x	15
148	SAMN17104557	EPI_ISL_717785	31	M	46-50	28779	96,24	1608x	13
149	SAMN17104453	EPI_ISL_717794	31	F	36-40	29565	98,87	3294x	13
150	SAMN17104458	EPI_ISL_717800	31	M	56-60	24311	81,30	240x	10
151	SAMN17104535	EPI_ISL_717903	31	M	61-65	29701	99,32	3928x	15
152	SAMN17104601	EPI_ISL_717962	31	F	36-40	29593	98,96	248x	21
153	SAMN17104536	EPI_ISL_717790	31	F	46-50	29388	98,28	3120x	18
154	SAMN17104537	EPI_ISL_717803	31	F	66-70	25564	85,49	2034x	14
155	SAMN17104459	EPI_ISL_717795	31	M	31-35	26919	90,02	2283x	14
156	SAMN17104457	EPI_ISL_717799	31	F	46-50	28158	94,16	1916x	15
157	SAMN17104538	EPI_ISL_717904	31	F	56-60	29630	99,09	3742x	15
158	SAMN17104539	EPI_ISL_717905	31	F	41-45	29825	99,74	310x	17
159	SAMN17104540	EPI_ISL_717906	31	M	51-55	29631	99,09	4430x	13
160	SAMN17104541	EPI_ISL_717907	29	F	36-40	29604	99,00	1877x	16
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162	SAMN17104543	EPI_ISL_717908	31	M	71-75	29822	99,73	5234x	17
163	SAMN17104544	EPI_ISL_717789	31	M	36-40	29366	98,20	3368x	13
164	SAMN17104454	EPI_ISL_717798	31	M	21-25	28015	93,69	3239x	16
165	SAMN17104429	EPI_ISL_717786	31	M	31-35	28889	96,61	3208x	13
166	SAMN17104545	EPI_ISL_717909	31	F	26-30	29648	99,15	2529x	13
167	SAMN17104546	EPI_ISL_717792	31	F	51-55	29492	98,63	3165x	20
168	SAMN17104547	EPI_ISL_717910	23	F	41-45	29862	99,86	1263x	10
169	SAMN17104548	EPI_ISL_717911	23	F	71-75	29897	99,98	12983x	13
170	SAMN17104549	EPI_ISL_717912	23	F	36-40	29896	99,98	2013x	10
171	SAMN17104602	EPI_ISL_717963	31	F	41-45	29869	99,89	1692x	16

172	SAMN17104550	EPI_ISL_717913	31	M	41-45	29864	99,87	6363x	17
173	SAMN17104551	EPI_ISL_717914	31	M	21-25	29771	99,56	2305x	19
174	SAMN17104552	EPI_ISL_717915	31	M	61-65	29871	99,89	2324x	16
175	SAMN17104553	EPI_ISL_717916	31	F	31-35	29772	99,56	1181x	16
176	SAMN17104554	EPI_ISL_717917	31	M	31-35	29903	100,00	5237x	17
177	SAMN17104603	EPI_ISL_717964	31	F	21-25	29901	99,99	6206x	20
178	SAMN17104555	EPI_ISL_717918	23	F	66-70	29900	99,99	2828x	12
179	SAMN17104556	EPI_ISL_717919	23	M	46-50	29867	99,88	5608x	14
180	SAMN17104430	EPI_ISL_717809	40	F	36-40	29895	99,97	4053x	21

SM 2: GISAIID acknowledgement table.

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All Submitters of data may be contacted directly via www.gisaid.org

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_453337	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Bateaza C, O'Roole A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_445075	Laboratoire National de Santé, Microbiology, Virology	Laboratoire National de Santé, Microbiology, Epidemiology and Microbial Genomics	Anke Wienecke-Baldacchino, Ardshel Latsuzhba, Jessica Trapp, Catherine Ragimbeau, Guillaume Fournier, Tamir Abdelrahman, Trung Nguyen Nguyen, Joel Mossong
EPI_ISL_450339, EPI_ISL_450344	Bangladesh Institute of Tropical & Infectious Diseases, COVID-19 Testing Laboratory	Basic and Applied Research on Jute Project	Rasel Ahmed, Md. Sabir Hossain, Shah Md Tamim Kabir, Emadul Mannan Emad, Md. Nazmul Haq Boy, Fattekar Ahmed Rana, Parfous Kumar Biswas, M A Hassan Chowdhury, Md. Shaqueel Ahmed, Md. Samiul Haque, Md. Monjur Alam, Md. Sharifur Rahman, A S M Ammarul Haq, Md. Shahidul Islam, Gouam Budhra Das, A/AM Zoned Siddik
EPI_ISL_451202	Uganda Virus Research Institute	MRC/UVRI & LSHTM Uganda Research Unit	Dan Lule Bugembe, John Kaywa, My V, T Phan, Phionah Tushaba, Stephen Baimardi, Beatrice Dhaala, Deogratius Ssemwanga, Jonas Lexow, Henry Mwabesa, Janae Aceng, Henry Kyobe, Julius Luvwama, Pontiano Kaleebu, Matthew Cotten
EPI_ISL_451644	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Anna Piotrowska-Malejska, Maciej Kosinski, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_451653	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Adam Sodzi, Aneta Szulc, Krzysztof Lewandowski, Ewa Mlodzi, Mariena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_453627, EPI_ISL_453662	Queens Medical Centre, Clinical Microbiology Department, DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Hannah Howson-Weils, Jonathan Ball, Patrick McCure, Joseph Chappell, Theodoras Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Inboor, Fel Sang, Johnny Debevo, Victoria Wright, Matthew Loose
EPI_ISL_454221	RSE "National Center for Biotechnology"	Instituto Nacional de Saude (INSA)	Alexandr Shvartsov, Ilyas Akhmedolayev, Viktoriya Lutsay, Asyulan Amrigazin, Askar Abdaliev, Abola Rakhmetova, Zabrina Aushakmetova, Kalender, Yelhan Ramankulov
EPI_ISL_454497	RSE "National Center for Biotechnology"	RSE "National Center for Biotechnology"	Alexandr Shvartsov, Ilyas Akhmedolayev, Viktoriya Lutsay, Asyulan Amrigazin, Askar Abdaliev, Abola Rakhmetova, Zabrina Aushakmetova, Ramankulov Yelhan
EPI_ISL_454585	Laboratory of virology, National Center of Expertise	Laboratory of molecular-genetic research, National Center for Expertise, Kazakhstan National Center for Biotechnology, Kazakhstan	Abdjaliev Askar, Shvartsov Alexandr, Akhmedolayev Ilyas, Kalender Ruslan, Rakhmetova Abola, Lutsay Viktoriya, Amrigazin Asyulan, Aushakmetova Zabrina, Ramankulov Yelhan
EPI_ISL_455092, EPI_ISL_455099	South Eastern Area Laboratory Services	NSW Health Pathology - Institute of Clinical Pathology and Medical Research, Westmead Hospital, University of Sydney	CIDM-PH et al.
EPI_ISL_455476	Laboratory for Respiratory Viruses, Cantacuzino National Military Medical Institute for Research and Development	Cantacuzino Institute	MLazar, L.Ustia, A.Creiu, T.Durfee
EPI_ISL_455570	Gundersen Molecular Diagnostics Laboratory	Kabarata Cancer Research Institute	Craig S. Richmond, Parate A. Kenny
EPI_ISL_455635	KRISP, KZN Research Innovation and Sequencing Platform	KRISP, KZN Research Innovation and Sequencing Platform	Gandhari J. Pillay, S. Lessels R, Chimukangara B, Doloriche K, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_455969	Department of Clinical Microbiology	GIGA Medical Genomics	Cathy L., Seemann T., Sait, M., Schultz M., Duce J., Sherry, N.
EPI_ISL_456476, EPI_ISL_456516, EPI_ISL_456539	Victorian Infectious Diseases Reference Laboratory (VIDRL)	Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory, Doherty Institute	Keith Durkin, Maria Artes, Sébastien Bonmans, Raphael Boreux, Céclie Meek, Perrante Mellin, Marie-Pierre Heyette, Vincent Bours.
EPI_ISL_456797	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mar, Stephen Carmichael, Lily Tong, Jemma Nichols, Elinu Aranday-Corres, Kristyn Brunker, Yasmin Parr, Kyriaki Nomiou, Sarah McDonald, Marc Niebel, Patavwe Asamspan, Richard Orion, Joseph Hughes, Steenu Vattipally, David L. Robertson, Alasdair Maclean, Rory Gunson, Karyn Li, Natasha Jesudason, Rajiv Shah, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_458150	ANOUAL	ANOUAL	Jouali Farah, El Anasri Fatima Zahra, Marichoudi Nabila, Kasmi Yessine, Cherroui Mohamed, El Altani Assam, Benhida Raedhi, Azami Nawfel, Klarene Dissa Lahlou, Loukrnan Salma, Fekak, Jamel
EPI_ISL_459905, EPI_ISL_459906	Laboratoire National de Santé, Microbiology, Virology	Laboratoire National de Santé, Microbiology, Epidemiology and Microbial Genomics	Anke Wienecke-Baldacchino, Jéssica Trapp, Guillaume Fournier, Trung Nguyen Nguyen, Catherine Ragimbeau
EPI_ISL_461006, EPI_ISL_461373, EPI_ISL_461391	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, David Neuenhuyse, Reina Sikkema, Claudia Schepperink, Ina Orestakova, Anne van der Linden, Theo Bastleboer, Stefan van Nieuwkoop, Mark Prok, Pascal Lexmond, Corien Swaan, Manon Swaan, Madelief Moliers, Mark Stein, Sandra Kengne Kamga Moubou, Jeroen van Kampen, Jolanda Voermans, Aura Timen, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Woldenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_462435	unknown	Laboratory Diagnostic	Vidanovic D., Tesovic B., Banovic Djevi B., Krizevic A., Janovic M., Sekler M., Dmitric M., Petrovic T., Volkening J., Alonso C.L.
EPI_ISL_463024	Institute of Life Sciences, Bhubaneswar	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil Rajnar, Anup Ghosh, Atmika Jha, Viplov K, Biswas Swati Madhulika, Manasi Prasadarshini, Shuchi Smita, Kausik Sen, Hiren G, Dooda, Deepak Singh, Jety Charvia, Shamima Ansari, Rupesh Dash, Soma Chattopadhyay, Ghulam Hussain Syed, Shanti Sarapat, Tushar K, Bauria, Rajesh Swain, Punil Prasad, ILS COVID-19 TEAM, Orissa COVID-19 Study Group, DBT's PAN-INDIA 1000 SARS-CoV2 RNA genome sequencing consortium, Aiyay Parida
EPI_ISL_465602	Respiratory Virus Unit, Microbiology Services Collindale, Public Health England	Respiratory Virus Unit, Microbiology Services Collindale, Public Health England	PHE Covid Sequencing Team
EPI_ISL_466905, EPI_ISL_466909, EPI_ISL_466910, EPI_ISL_466919	Max von Pettenkofer Institute, Virology, National Reference Center for Retroviruses, LMU München	Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Max Muenchhoff, Stefan Krebs, Alexander Graf, Oliver Keppler, Helmut Blum
EPI_ISL_467014	Voivler AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Betsel, Sarah Nadeau, Van Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schar, Ina Nissen, Natascia Santoroce, Etienne Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kober, Christoph Noppin, Sophie Sidel, Neemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_467195	Hospital General Universitario Gregorio Marañon	SeqCOVID-SPAIN consortium/IB/CSIC	Laura Pérez-Lago, Maria Herranz, Jon Sotillo, Julia Suárez, Pilar Calatá, Patricia Muñoz, Dario Garcia de Vedra and SeqCOVID-SPAIN consortium

EPI_ISL_467476	Molecular Diagnostics Services (MDS)	KRISp, KZN Research Innovation and Sequencing Platform	Gandhari J, Pillay S, Lessells R, Chimukangara B, Malalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_467493, EPI_ISL_467507, EPI_ISL_467519	NHL-SALCH	KRISp, KZN Research Innovation and Sequencing Platform	Gandhari J, Pillay S, Lessells R, Chimukangara B, Malalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_468156	Romania, Bucharest National Institute for Infectious Diseases "Prof. Dr. Matei Bal" <ul style="list-style-type: none"> unknown 	Romania, Bucharest National Institute for Infectious Diseases "Prof. Dr. Matei Bal"	Leontina Barnea, Marius Colic, Corina Casanquiu, Marius Surescu, Simona Paraschiv
EPI_ISL_468159	unknown	Department of Virology, "Public Health Laboratories Division, National Institute of Health	Masab Uthair, Amer Ikram, Muhammad Salman, Adrian Khushid, Nazish Bader, Shannon Whitner, John Kiema
EPI_ISL_468758	Laboratorio de Biología Molecular, Facultad de Medicina, Universidad de Atacama	Center for Mathematical Modeling and Center for Genome Regulation, Santiago, Chile	Gaete A, Tavazny D, Palma R, Urra C, Vargas M, Alencar M., Maass A, González M, C Echeverría
EPI_ISL_469254	National Institute for Viral Disease Control and Prevention, China CDC	Institute of Viral Disease Control and Prevention, China CDC	Wenjie Tan, Lijuan Chen, Peihua NiuBaoying Huang, Li Zhao, Yabei Bi, Wenling Wang, Roujian Lu, Dayan Wang, Wenbo Xu, George Fu Gao, Chun Huang, Guizhen Wu
EPI_ISL_469275	Egyptian National Cancer Institute (ENCI)	Human Genome Center	Zeki, Abdel Rahman N, Amer K.E., Ahmed O.S., Soliman,H.K., Hafez M.M., Bahassy A.A., Abdelhamed W., Gaf A., Alim, Hassan W., Samir,M., Raouf A., Hamdy,M.S., Sorriani,M.S., Eisiy,M.H., Elkhatieb,S.M., Ezzebarah,M.H., Abouelkhalda, Mohamed
EPI_ISL_469277	Mohammed Bin Rashid University of Medicine and Health Sciences	Al Jallia Genomics Center	Ahmed Abou Tayoun, Tom Loney, Hamda Kirsansheh, Sathishkumar Ramaswamy, Divinlal Harilal, Zilla Onar Deesi, Raju Murthy Varigesse, Hanan Al Suwaidi, Abdumajeed Alkhalja, Mohammed Uddin, Rifat Hamoudi, Rabih Halwani, Abiola Catherine Senok, Qurayha Hamid, Norbert Nowotny, Alawi Alsheikh-Ali
EPI_ISL_469294	Keio University Hospital	Keio University Hospital	Kenjiro Kosaki
EPI_ISL_470876	Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Giorgi Tomashvili, Meri Partsalua, Gvantsa Brachvili, Gvantsa Chanturia, Ann Meechabulishvili, Nato Kolara, Marne Murtskvaladze, Lela Sabadze, Mari Gavrusheidze, Ana Popkharuri, Taa Imradze, Tamaz Jashvashvili, Taa Tsvetozidze, Keaven Sidemondze, Ekaterine Khamladze, Ekaterine Zingenti, Reona Sukhashvili, Mariam Zakalashvili, Lela Ushadze, Magda Dpebanadze, Davit Tsagulia, Ekaterine Zangpladze, Nino Pershili, Adam Kotorashvili, Maia Alkhasashvili, Irma Bujnandze, Anna Kasratze, Khatuna Zakhashvili, Paata Imnadze, Amiran Gankheidze.
EPI_ISL_471167	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Luiza Ustrea, Nicoleta Paraschiv, Tim Durfee, Mhaela Lazer
EPI_ISL_471176	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Nonwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elishaug, Rasmus Flis Kopperud, Karoline Bragsstad, Olav Hungnes
EPI_ISL_471270	Hospital Oncologico Solca Nucleo de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Sully Márquez, Belén Prado-Vivar, Juan José Guadalupe, Bernardo Gutiérrez, Marcos D. Stefano, Graces Salazar, Verónica Barragán, Patricio Rojas-Silva
EPI_ISL_471416	Laboratory for Respiratory Viruses, National Influenza Centre, Cantuzuzo National Military-Medical Institute for Research and Development	Cantuzuzo Institute	Gabriel Trieba, Michelle Gutierrez, Pauli Cárdenas
EPI_ISL_471430, EPI_ISL_471431	Department of Clinical Microbiology	GIGA Medical Genomics	Luiza Ustrea, Nicoleta Paraschiv, Tim Durfee, Mhaela Lazer
EPI_ISL_472622, EPI_ISL_472679, EPI_ISL_472883, EPI_ISL_473104, EPI_ISL_473292	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gatica-Wilcox, Jason Coombes, Joel Soudjgale, Lauren Gilbert, Lee Graham, Nicole Paschianri, Sara Kunzener-Summenhayes, Sarah Taylor, Sophie Jones, Sara Hey, Matthew Bull, Joanne Walkins, Sally Cordein, Tom Connor
EPI_ISL_473362	University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology, University of Birmingham, Claire McLuray, Joanne Stockton, Samuel Nicholas, Redoslava Poplavskii, Will Rowe, Josh Quick, Nicholas Loman, University of Birmingham Tissue Laboratory, Céline M Whalley, Andrew Besworth, Charlotte Poxon, Kasun Wangasooriya, Oliver Pickles, Mike Kidd, Alex Richter, Andrew D Heagles PHE Heartlands Lab, Husain Omar, Andrew Besworth, Queen Elizabeth Hospital, Anna Casey
EPI_ISL_473813, EPI_ISL_473948	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcezza C, O'Toole A., Schar E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_474675	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gatica-Wilcox, Jason Coombes, Joel Soudjgale, Lauren Gilbert, Lee Graham, Nicole Paschianri, Sara Kunzener-Summenhayes, Sarah Taylor, Sophie Jones, Sara Hey, Matthew Bull, Joanne Walkins, Sally Cordein, Tom Connor
EPI_ISL_474819	Complejo Hospitalario Universitario de Albasce	SeqCOVID-SPAIN consortium(IBV/CSC)	Encarnacion Simarro Cortoba, Julia Lozano Serra, Lorena Robles Fonseca, Mónica Parra Grandes, Caridad Sanz de Baranda Carrino and SeqCOVID-SPAIN consortium
EPI_ISL_475026	Banas Medical College and Research Institute	Gujarat Biotechnology Research Centre	Sunil R Joshi, Viren s Doshi, Pritesh Sabara, Anuravashin Pivvar, Janvi Ravali, Zarra Patel, Monika Gandhi, Pinal Trivedi, Mahatshi Pandya, Nikhil Patel, Nihil Saravjya, Raqhwandra Kumar, Dinesh Kinnari, Zubir Sayed, Komal Patel, Labdhi Pandya, Shehali Bagatharia, Radhika Khara, Neha Rajpara, R D Dixit, A M Karki, Harsh Barchi, Chaitanya Joshi, Madhu Joshi
EPI_ISL_475082	Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Verbeeke, Laurens Lamprochts, Marthe Pauwels, Bruno Verhasselt, Lino Vandekerckhove, Hans Nauwynck, Sebastiaan Theunys
EPI_ISL_475165	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Shahina Akter, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Eshtar Osman, Md. Ahsan Habib, Tanjina Akhter Baru, Md. Mursheed Hasan Sarkar, Barua Goswami, Ifrat Jahan, Md. Saddam Hossain, Tasrin Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yasmin, Asisi Kumar Ghosh, Bayzid Bin Monir, A. K. M. Shamsuzzaman, Sheikh Md. Salim Al Din, Utpal Chandra Ray, Saikat Ahmed Sajib, Md. Salim Khan
EPI_ISL_475169	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Saddam Hossain, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Eshtar Osman, Md. Ahsan Habib, Shahina Akter, Tanjina Akhter Baru, Md. Mursheed Hasan Sarkar, Barua Goswami, Ifrat Jahan, Tasrin Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yasmin, Asisi Kumar Ghosh, Bayzid Bin Monir, A. K. M. Shamsuzzaman, Sheikh Md. Salim Al Din, Utpal Chandra Ray, Saikat Ahmed Sajib, Md. Salim Khan
EPI_ISL_475516	Uppsala Narakut Aleris	The Public Health Agency of Sweden	Oskar Karlsson Lindqvist, Maria Lind Karberg, Mattias Haukander, Peza Avari, Olov Svarstam, Anna-Malin Lunde, Sandra Brodsson, Mia Bryfving, Anna Fjoberg, Karin Tegmark-Wisell
EPI_ISL_476086	Violier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Besel, Sarah Nadeau, Van Topolovskiy, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schär, Ina Nissen, Natasscha Samardoc, Elodie Bucklen, Christian Beckmann, Maurice Redondo, Olivier Kobel, Christoph Moppert, Sophie Sedel, Noemie Santamaria de Souza, Niko Baerenwinkel, Tanja Stadler
EPI_ISL_476149	Institut Pasteur Dakar	Institut Pasteur de Dakar	Ndongo Dia, Moussa Mose Diagne, Mamadou Diop, Ousmane Faye, Amadou Alpha Sall
EPI_ISL_476561	Hospital Garrahan	Hélias	Roberta Crespo, Dalmacio Pereyra, Mauricio Grisolia, Cristian Rohr, Andrea Mangano, Maria Florencia Fernandez, Fabian Fay, Martin Vazquez
EPI_ISL_476567	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Hélias	Dalmacio Pereyra, Roberta Crespo, Mauricio Grisolia, Cristian Rohr, Andrea Mangano, Maria Florencia Fernandez, Fabian Fay, Martin Vazquez
EPI_ISL_476568	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Hélias	Cristian Rohr, Andrea Mangano, Maria Florencia Fernandez, Dalmacio Pereyra, Roberta Crespo, Mauricio Grisolia, Fabian Fay, Martin Vazquez
EPI_ISL_476936, EPI_ISL_476939	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Joan Mari-Caterras, Bart Vanmechelen, Pat Maes
EPI_ISL_477128, EPI_ISL_477132	Child Health Research Foundation	Child Health Research Foundation	Sanjuti Saha, Md Saiful Islam Sajib, Roy Malaker, Md Hafiz Rahman, Afroza Akter Tanni, Syed Mukadir, Al Sum, Maksuda Islam, Samir K Saha
EPI_ISL_477150	Institut Pasteur Dakar	Institut Pasteur de Dakar	Ndongo Dia, Moussa Mose Diagne, Mamadou Diop, Mamadou Malalo Jallow, Marie Henniéte Dior Ndione, Safiou Sankhe, Ousmane Faye, Amadou Alpha Sall.

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EPI_ISL_477648, EPI_ISL_477659	Virginia DCIS	Virginia DCIS	
EPI_ISL_478060, EPI_ISL_478079, EPI_ISL_478109	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Lily Tong, Jenna Nichols, Eilhu Aranday-Cortes, Krisynn Brunker, Yasmin Parr, Alice Broos, Kyriaki Nomioku, Sarah McDonnell, Marc Niebel, Patavue Assembran, Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson, Alastair Maclean, Roy Gurnson, Kathy LI, Natasha Jesudason, Rajiv Shah, James Shephard, Antonia Ho, Emma Thomson
EPI_ISL_479451	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gatica-Wilcox, Jason Coombes, Joel Soutigante, Lauren Gilbert, Lee Graham, Nicole Patchariani, Sara Kuznievs-Summerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_479553	NIV Influenza	NIV Influenza	
EPI_ISL_479592	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	
EPI_ISL_480256	Genomic Laboratory (GLAB) / Conjoint lab of Health Directorat of Istanbul and Istanbul Technical University	Genomic Laboratory (GLAB), Istanbul Technical University	Ilker Karacan, Tugba Kizilboga Aygun, Bugra Agaoglu, Gizem Aktur, Jale Yildiz, Betül Kfise, Elifnaz Çelik, Arzu Irem, Yasemin Kendir Demirkol, Ozlem Aygun Dogan, Mehmet Aydin, Levent Doganay, Gizem Dincer Doganay
EPI_ISL_480302, EPI_ISL_480305, EPI_ISL_480308	National Reference Laboratory "Influenza and acute respiratory diseases" (VIDRL)	NRL-HIV	Ivan Ivanov, Ivailo Alexiev, Iva Philipova
EPI_ISL_480650	Victorian Infectious Diseases Reference Laboratory	VIDRL and MDU-PHL	
EPI_ISL_481536, EPI_ISL_481674	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, HUSLAB Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Hannimar Kallio-Kokko, Jenni Vitranen, Maija Suvario, Sari Hannula, Hatri Kangas, Pekka Elonen, Olli Vapalahti
EPI_ISL_481831	PHE South West Regional Laboratory, National Infection Service	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Stephanie Hutchings, Hannah Pyrront, Dr Peter Muir, Barry Vipond, Rich Hopes, and Alex Alderton, Roberto Arano, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid/team)
EPI_ISL_482708	Molecular Diagnostics Services (MDS)	KRISFP, KZN Research Innovation and Sequencing Platform	Ghandhari J, Pillay S, Lessells R, Chimukangara B, Mdlatose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_482726	NHL-S-ALCH	KRISFP, KZN Research Innovation and Sequencing Platform	Ghandhari J, Pillay S, Lessells R, Chimukangara B, Mdlatose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_482762	Medical AIn Shams Research Institute (MASRI), Ain Shams University	Medical AIn Shams Research Institute (MASRI), Ain Shams University	Hesham Elghazaly, Sara Hassan Ayra, Ahmad Moustafa, Hala Hafez, Sara Elrakeeg, Shaimaa Moustafa, Aya Mohamed, Reham Mamdouh, Ghada Ismael, Asriat Omar, Osama Mansour, Mahmood Elnettini
EPI_ISL_482879, EPI_ISL_482885	CHU Pupan - Laboratoire de Virologie - Institut Fédéral de Biologie	Laboratoire de virologie - Ecole Nationale Vétérinaire de Toulouse	Hesham Elghazaly, Sara Hassan Ayra, Ahmad Moustafa, Hala Hafez, Sara Elrakeeg, Shaimaa Moustafa, Aya Mohamed, Reham Mamdouh, Ghada Ismael, Asriat Omar, Osama Mansour, Mahmood Elnettini
EPI_ISL_483036	Medical AIn Shams Research Institute (MASRI), Ain Shams University	Medical AIn Shams Research Institute (MASRI), Ain Shams University	Mikel J. Urrutikoetxea-Gutierrez, Ana Belén Balón de la Hoz, Maxelán Vidali-García, Iñe Carmen Nieto Toboso, Estibaliz Ugalde-Zaragoza, José Luis Díaz de Tuésota del Arco
EPI_ISL_483566	Clinical Microbiology Laboratory- Basuro University Hospital	Bioocrates-Bizakia	
EPI_ISL_483692	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	
EPI_ISL_484677	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	MD, Murtshed Hassan Sarkar, Abu Sayeed Mohammed Mahmud, Mohammed Samir Uzzaman, Esthar Osman, Md. Atahan Habib, Shahina Akter, Tanjina Akter, Barun, Barua Goswami, Ifrat Jahan, Md. Saddam Hossain, Tasnim Nahisa, Md. Maruf Ahmed Molla, Mahmuda Yasmin, Asish Kumar Ghosh, A. K. M. Shamsuzzaman, Sheikh Md. Selim Al Din, Ujjal Chandra Ray, Saikat Ahmed Sajib, Md. Salim Khan
EPI_ISL_484689	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Lily Tong, Jenna Nichols, Eilhu Aranday-Cortes, Krisynn Brunker, Yasmin Parr, Alice Broos, Kyriaki Nomioku, Sarah McDonnell, Marc Niebel, Patavue Assembran, Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson, Alastair Maclean, Roy Gurnson, Kathy LI, Natasha Jesudason, Rajiv Shah, James Shephard, Antonia Ho, Emma Thomson
EPI_ISL_484700	Department of Clinical Microbiology	GIGA Medical Genomics	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gatica-Wilcox, Jason Coombes, Joel Soutigante, Lauren Gilbert, Lee Graham, Nicole Patchariani, Sara Kuznievs-Summerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_485399	Institute of Human Genetics, Polish Academy of Sciences	Institute of Human Genetics, Polish Academy of Sciences	Keith Durkin, Maria Aresi, Sebastian Bortens, Raphael Boreux, Céline Meek, Axelle Chastain, Céline Fombellida-Lopez, Pierrette Mehn, Marie-Pierre Hayerle, Vincent Bours
EPI_ISL_485712	Institut Pasteur	Institut Pasteur de Dakar	Szymon Hydropowicz, Adam Ustażewski, Maria Kaczmarek-Ry, Emilia Lis, Ewa Zikiewicz, Micha Witt, Andrzej Pawski
EPI_ISL_486391, EPI_ISL_486413	Centri laboratorija	Latvian Biomedical Research and Study Centre	Ndongo Dia, Moussa Mose Diagne, Mamadou diop, Marie Herriette Dior Ndione, Mamadou Malalo Jallov, Safiatou Sanké, Ousmane Faye, Amadou Alpha Sall
EPI_ISL_486438	E. Guljaja laboratorija	Latvian Biomedical Research and Study Centre	Ivars Silamelijs, Kaspars Megnis, Monia Ustinova, Ilija Zrelcovs, Vita Rovte, Stella Lapra, Jana Ose, Marta Priede, Uga Dumps, Jins Klovš
EPI_ISL_486501, EPI_ISL_486510	Violiier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Basel, Sarah Nadeau, Ivan Topolsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Schär, Iva Nissen, Natascia Santoro, Elodie Burcken, Christiane Beckmann, Maurice Fedorodo, Olivier Kober, Christoph Noppert, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_486834	Suceava County Emergency Hospital "St. Ioan cel Nou"	SNU Metagenomics lab	Lodovic Andrei, Antoniadis Panagiotis
EPI_ISL_487106, EPI_ISL_487110, EPI_ISL_487112	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Ogun State, Nigeria	Olunju P. E., Adegbesile F. V., Kayode A., Oguzte J., Olawube I., Uwanibe J., Uluamide T., Folarin O. A., Inekweazu C., Hapji C. T.
EPI_ISL_487362	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	
EPI_ISL_489335	Regional Virus Laboratory, Belfast Health and Social Care Trust	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeley, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Farley, and Alex Alderton, Roberto Arano, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid/team)
EPI_ISL_489360	Violiier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Basel, Sarah Nadeau, Ivan Topolsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Schär, Iva Nissen, Natascia Santoro, Elodie Burcken, Christiane Beckmann, Maurice Fedorodo, Olivier Kober, Christoph Noppert, Sophie Seidel, Noemie Santamaria de Souza,

EPI_ISL_490022	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	Niko Beerenwinkel, Tanja Stadler
EPI_ISL_490089, EPI_ISL_490100, EPI_ISL_490101	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Mohd Zamawi Z, Kamel K, Kaljansundram J, Thayyan R
EPI_ISL_491041, EPI_ISL_491051, EPI_ISL_491086	Suceava County Emergency Hospital	"Stefan cel Mare" University Medicineomics Lab	Loibuc Andrei, Antoniadis Panagiotis et al.
EPI_ISL_491169, EPI_ISL_491170	Suceava County Emergency Hospital	"Stefan cel Mare" University Medicineomics Lab	Loibuc Andrei et al.
EPI_ISL_491175, EPI_ISL_491189	Oman-National Influenza Center	BioTechnology & OMICS Laboratory	
EPI_ISL_491219	Instituto Gulbenkian de Ciéncia	Instituto Gulbenkian de Ciéncia	João Costa, Cally Paulino, João Sobral, Susana Ladeira, Ricardo Leite
EPI_ISL_491244	Instituto Gulbenkian de Ciéncia	Instituto Gulbenkian de Ciéncia	Cally Paulino, João Sobral, Susana Ladeira, João Costa, Ricardo Leite
EPI_ISL_491273	Instituto Gulbenkian de Ciéncia	Instituto Gulbenkian de Ciéncia	João Sobral, Susana Ladeira, João Costa, Cally Paulino, Ricardo Leite
EPI_ISL_491936	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Susana Ladeira, João Costa, Cally Paulino, João Sobral, Ricardo Leite
EPI_ISL_491941	Centro de Investigaciones, Universidad de Especialidades Espíritu Santo	Institute of Microbiology, Universidad San Francisco de Quito	Bélen Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Carlos Guerrero, Verónica Barragán, Patricio Delly Andrade, Juan Carlos Fernandez, Bélen Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Gabriel Moroy, Ruben Armas, José Pedro Barberán, Fernando Espinoza, Edith Lopez, Verónica Barragán, Patricio Rojas-Siva, Gabriel Trueta, Michelle Granauer, Paul Cardenas
EPI_ISL_491947, EPI_ISL_491949, EPI_ISL_491951	Instituto Nacional de Investigación en Salud Pública-INSPI	INSPI - Chanté	Alfredo Bruno Calcedo, Domenica de Moura Coljona, Andress Moreira-Soto, Anna-Lena Sander, Nínia Krause, Maritza Cinedo, Denisses Portugal, Manuel Gonzalez, Silvia Salgado, Alberto Orlandi, Alexandra Usita, Juan Carlos Zaballos, Jan Felix Drexler
EPI_ISL_491968, EPI_ISL_491978, EPI_ISL_491997, EPI_ISL_492010, EPI_ISL_492019	Oman-NIC	Department of Microbiology and Immunology, SCUJH	Fahad Zaidat, Samira Al-Mharqi, Amina Al-Jardani, Khaloud Al-Memmary, Hanan Al-Khrdli, Fatma BaAlawi, Hamda AL Barwani, Zeyana Al-Dahmani, Inisar Al-Shukri, Aisha Al-Busaidi, Aisha Al-Amri, Aham Al-Amri, Mohammed Al-Tobi, Samiha Al Kharusi, Abdulla Balkhair
EPI_ISL_492035	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Taliana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Marcos Dornelas-Ribeiro, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492036	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492043	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Caleb GM Santos, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492044	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492045	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Caleb GM Santos, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492046	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Caleb GM Santos, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492047	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Caleb GM Santos, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492048	Instituto de Biología do Exércio	Laboratório Metabolismo Macromolecular Firmino Torres de Castro, Instituto de Biólógica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro	Bianca Catarina Azevedo Cabral, Aline Rosa Vianna de Souza, Marcos Dornelas-Ribeiro, Tatiana LS Nogueira, Nádia Vaez Gonçalves da Cruz, Caleb GM Santos, Elizabeth Valentin, Marcio da Costa Ciprielli, Virginia Sara Granieri do Amaral, Rodrigo Soares de Moura Neto, Clarissa Damaso, Rosane Silva
EPI_ISL_492065	Oman-National Influenza Center	Department of Microbiology and Immunology, SCUJH Department of Microbiology and Immunology, Sultan Cabos University Hospital, P.O 35, Postal code 123	Samira Al-Mharqi, Fahad Zaidat, Amina Al-Jardani, Khaloud Al-Memmary, Hanan Al-Khrdli, Fatma BaAlawi, Hamda AL Barwani, Zeyana Al-Dahmani, Inisar Al-Shukri, Azza Al-Rasidi, Samiha Al Kharusi, Abdulla Balkhair
EPI_ISL_492076	Institute for Public Health of the Republic of North Macedonia	Charlie Universitátsmedizin Berlin, Institute of Virology	Victor M Cormann, Joern Behem-Schwarzbach, Barbara Wuhlmann, Talitha Veith, Julia Schneider, Elizabeth Jancheská, Maja Kuzmanovska, Goldjanka Bosevska, Terry Jones, Christian Drosien
EPI_ISL_492388	Centri laboratoria	Latvian Biomedical Research and Study Centre	Ivars Silamelijs, Kaspars Meginis, Morna Ustinova, Ika Ziedins, Viia Rote, Stelija Lappa, Jana Ose, Maria Piedite, Uga Dumpis, Jnis Klouš
EPI_ISL_493352	Oso University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeler Instefjord, Hilde Eshaug, Rasmus Flis Kopperud, Karoline Bragstad, Olav Hungnes
EPI_ISL_493372	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeler Instefjord, Hilde Eshaug, Rasmus Flis Kopperud, Karoline Bragstad, Olav Hungnes
EPI_ISL_493684, EPI_ISL_493696	Virology Department, Sheffield Teaching Hospitals NHS Foundation, TrustID department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carriero, Alex Keesley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Calad Evans
EPI_ISL_495420, EPI_ISL_495434, EPI_ISL_495436, EPI_ISL_495445, EPI_ISL_495450, EPI_ISL_495455	Katkas University, Faculty of Medicine, Department of Medical Microbiology	Katkas University, Faculty of Medicine, Department of Medical Microbiology	Ghandhari J, Pillay S, Lessells R, Chimuqangara B, Mallose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_495559	NHL-S-ALCH	KRIISP , KZN Research Innovation and Sequencing Platform	Murat Karamese, Didem Ozgur , E. Ediz Tutuncu
EPI_ISL_495634, EPI_ISL_496492	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Placide Wbaala Kingebeni, Edin Nkwemba, Eddy Kinganda-Lusamaki, Amur Azza, Francisca Mvumbwe Mawele, Emmanuel Lokito Lofko, Catherine Prati, Mathias Paulmer, Josh Quirk, Alison Black, James Hadfield, Tevor Redford, Ian Goodellow, Andrew Ramchar, Nick Loman, Kristian Andersen, Michael Wiley, Steve Atukamuunda, Jean-Jacques Muyembe Tshumy
EPI_ISL_497286	Washington State Department of Health	Seattle Flu Study	Deborah A Nickerson, Chris D. Frazier, Louer Lee, Benjamin Palla, Matthew Richardson, Amanda Adler, Elisabeth Bandstetter, Peter D. Han, Karsten Fay, Misja Ijssin, Kirsten Lacombe, Thomas R. Shiley, Melissa Truong, Caitlin R. Wolf, Ramesh Gadbup, Geoff Mally, Brian Hatt, Philip Dykstra, Scott Lindquist, Michael Boeckl, Janet A. Erigund, Michael Ramulare, Barry R. Lutz, Mark W. Fleiter, Lea W., Stantia, Matthew Thompson, Helen T., Chu, Jay

EPI_ISL_497770, EPI_ISL_497809	Department of Microbiology, The University of Hong Kong	Department of Microbiology, The University of Hong Kong	Shendure, Trevor Bedford
EPI_ISL_497950	Shaoxing CDC	Zhejiang Provincial Center for Disease Control and Prevention	Kevin K.W. To, Kwok-Yung Yuen
EPI_ISL_499084	NHLS-SALCH	KRISiP, KZN Research Innovation and Sequencing Platform	Yin Chen, Yanjun Zhang, Haiyan Mao, Junhang Pan, Xuyi Lou, Yi Sun, Hao Yan, Zhen Li, Wen Shi
EPI_ISL_498141, EPI_ISL_498150	Department of Clinical Microbiology	GIGA Medical Genomics	Grandjean J, Pillay S, Lesseles R, Chimukangara B, Malalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_498238	Institut Pasteur de Dakar	Institut Pasteur de Dakar	Ndongo Dia, Moussa Moïse Diagne, Mamadou Diop, Marie Hermiette Dior Ndione, Mamadou Malédo Jallow, Safiatou Sankhe Mbenque, Ousmane Faye, Hayette, Vincent Bours.
EPI_ISL_498270, EPI_ISL_498271	Department of Microbiology, The University of Hong Kong	Department of Microbiology, The University of Hong Kong	Kevin K.W. To, Kwok-Yung Yuen
EPI_ISL_498417	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSiR	Tasnim Nafisa, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Esrar Osman, Md. Anas Habib, Shahina Akter, Tanjina Akhter Banu, Md. Musned Hasan Sarkar, Barua Goswami, Ifrat Jahari, Md. Saddam Hossain, Md. Masud Ahmed Molla, Mahmuda Yasmin, Ashi Kumar Ghosh, A. K. M. Shamsuzzaman, Sheikh Md. Selim Al Din, Utpal Chandra Ray, Saikat Ahmed Sajil, Md. Selim Khan
EPI_ISL_498563	Laboratory of Molecular Virology, International Center for Genetic Engineering and Biotechnology (ICGEB)	ARGO Open Lab Platform for Genome Sequencing	Leastro D, Rajasekharan S, Dal Moreno S, Segal L, D'Agaro P, Marcello A
EPI_ISL_498613	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Mak TM, Octavia S, Zhou Z, Chevatte JM, Cui L, Lin RTP
EPI_ISL_498628	Department of Clinical Microbiology	GIGA Medical Genomics	Keih Durkin, Maria Aresi, Sébastien Bortems, Raphaël Boreux, Cécilia Meek, Axelle Chastain, Céline Fombellida-Lopez, Perrrette Mehn, Marie-Pierre Hayette, Vincent Bours.
EPI_ISL_498691	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Xiang Zhaoli, Lingling Mao, Yao Meng, Zhixiao Chen, Yuchao Wu, Yong Zhangbo, Zhihanlanqun Zhang, Yang Song, Dayan Wang, WenQing Yao, Wenbo Xu
EPI_ISL_499386	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gasikin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Frachantini, Sara Kurtzienne-Sumnerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Watkins, Sally Corder, Tom Connor
EPI_ISL_500572	Singapore General Hospital	Department of Microbiology	Nurdyana Abdul Rahman, Kun Lee Lim, Chenhao Li, Kian Sing Chan, Lynette Oon, Kern Rai Chng, Niranjani Nagarajan, Karrie Ko
EPI_ISL_500573, EPI_ISL_500580	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Suzie Coughlan, Cillian F De Gascon
EPI_ISL_500786	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stone-Johansen, Kamilla Heddeland Instefjord, Hilde Eishaug, Rasmus Riis Kopperud, Karoline Bragstad, Olav Hungnes
EPI_ISL_500797	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stone-Johansen, Kamilla Heddeland Instefjord, Hilde Eishaug, Rasmus Riis Kopperud, Karoline Bragstad, Olav Hungnes
EPI_ISL_500933	Violier AG	Department of Biosystems Science and Engineering, ETH Zurich	Kathrine Stone-Johansen, Kamilla Heddeland Instefjord, Hilde Eishaug, Rasmus Riis Kopperud, Karoline Bragstad, Olav Hungnes
EPI_ISL_501029, EPI_ISL_501036, EPI_ISL_501071	Regional Virus Laboratory, Belfast Health and Social Care Trust	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Christian Basel, Sarah Nadeau, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada, Césgedés, Tobias Sätzl, Iva Nissen, Natacha Santhoro, Etienne Burchen, Christiane Beckmann, Maurice Beemer, Olivier Kober, Orhanon Koppin, Sophie Seriel, Noemie Sarhanahia de Souza, Nho Beerwinkel, Tanja Stadler
EPI_ISL_501087	University of Washington Virology Lab	University of Washington Virology Lab	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Farley, and Alex Alderton, Roberto Arano, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelle Langford, John Sillibe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_501233, EPI_ISL_501236	Hellenic Pasteur Institute, National Influenza Reference Laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics	Hellenic Pasteur Institute, National Influenza Reference Laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics	Pavla Rouchoudury, Hong Xia, Lasata Shrestha, Amin Addetta, Trong Nguyen, Victoria M Fachieff, Mee-Il Huang, Keith R Jerome, Alexander Grantinger
EPI_ISL_501259, EPI_ISL_501273, EPI_ISL_501274	National Virus Reference Laboratory	National Virus Reference Laboratory	Vasiliki Poyka, Timokratis Karanitos, Athanasios Kossovakis, Antonios Kalliropoulos, Hoeriti Eira, Evangelidou Maria, Androniki Youlgar-Kokota, Aspasia Krontou, Andreas Meritis
EPI_ISL_501286, EPI_ISL_501808	Centri laboratorija E. Gulpa laboratorija	Latvian Biomedical Research and Study Centre	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Suzie Coughlan, Cillian F De Gascon
EPI_ISL_501894	Centri laboratorija	Latvian Biomedical Research and Study Centre	Ivars Sliemelis, Kaspars Magnis, Monta Ustinova, Iklia Zielovs, Vita Rove, Stelie Lapa, Jana Osa, Maria Priede, Uga Dumpis, Jins Klovš
EPI_ISL_501895, EPI_ISL_501896	LACEN/PE	LACEN/PE	Ivars Sliemelis, Kaspars Magnis, Monta Ustinova, Iklia Zielovs, Vita Rove, Stelie Lapa, Jana Osa, Maria Priede, Uga Dumpis, Jins Klovš
EPI_ISL_502875	LACEN/PE	LACEN/PE	Ivars Sliemelis, Kaspars Magnis, Monta Ustinova, Iklia Zielovs, Vita Rove, Stelie Lapa, Jana Osa, Maria Priede, Uga Dumpis, Jins Klovš
EPI_ISL_504180	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSiR	WILSON JOSE DA SILVA JUNIOR, HEIDI LACERDA ALVES DA CRUZ, MARCOS DA SILVEIRA REGUEIRA NETO, BRUNO SAMPAIO, SERGIO DE SA LETTAO PAIVA JUNIOR, ZILDENE DE SOUSA SILVEIRA, MARA GALDINO DA ROCHA, PITTA MICHELLE Y CRISTINY PEREIRA, REGINALDO GONCALVES DE LIMA NETO, MARCOS ANTONIO DE MORAIS JUNIOR, ANTONIO CARLOS DE FREITAS, VALDIR DE QUEIROZ BALBINO.
EPI_ISL_507233, EPI_ISL_507252	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	WILSON JOSE DA SILVA JUNIOR, HEIDI LACERDA ALVES DA CRUZ, MARCOS DA SILVEIRA REGUEIRA NETO, BRUNO SAMPAIO, SERGIO DE SA LETTAO PAIVA JUNIOR, ZILDENE DE SOUSA SILVEIRA, MARA GALDINO DA ROCHA, PITTA MICHELLE Y CRISTINY PEREIRA, REGINALDO GONCALVES DE LIMA NETO, MARCOS ANTONIO DE MORAIS JUNIOR, ANTONIO CARLOS DE FREITAS, VALDIR DE QUEIROZ BALBINO.
EPI_ISL_508290	Indian Institute of Science	National Institute of Biomedical Genomics	Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Esrar Osman, Md. Anas Habib, Shahina Akter, Tanjina Akhter Banu, Md. Musned Hasan Sarkar, Barua Goswami, Ifrat Jahari, Md. Saddam Hossain, Taranum Taznin, Tasnim Nafisa Md. Masud Ahmed Molla, Mahmuda Yasmin, Ashi Kumar Ghosh, A. K. M. Shamsuzzaman, Sheikh Md. Selim Al Din, Utpal Chandra Ray, Saikat Ahmed Sajil, Md. Selim Khan
EPI_ISL_508451, EPI_ISL_508453	ICMR-National Institute of Cholera and Enteric Diseases	National Institute of Biomedical Genomics	Arindam Maitra, Barathi K Sundararaj, Harsha Rajhela, N. Srinivasan, Deepak K Saini, Amr Singh, Saumitra Das
EPI_ISL_508496	Translational Health Science and Technology Institute	National Institute of Biomedical Genomics	Arindam Maitra, Manma Chawla Sarkar, Sreedhar Chinnaswamy, Hasina Banu, Aranya Chatterjee, Shantia Dutta, Saumitra Das
EPI_ISL_509430, EPI_ISL_509431, EPI_ISL_509432, EPI_ISL_509433, EPI_ISL_509435	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Arindam Maitra, Guruprasad Madgeshi, Shiranabhasva Palli, Anbalagan Ananthraj, Madhu Pareek, Irran Khan, Gagandeep Kang, Samritra Das
EPI_ISL_509634, EPI_ISL_509641	Serviço de Microbiologia, Hospital Universitário Dorostia, OSI, Microbiologia, Área de Enteromedidas Intecosias, Grupo de Infecção Respiratória, Resistência Antimicrobiana, Instituto de Investigação Sanitária Biodorostia	SeqCOVID-SPiM consortium (IBV/OSIC)	Souza T.M., Fintelman-Rodrigues N., De Paula A.D., Saraiva F.B., Ferreira M.A., Sacramento C.O., Medeiros M.A.
EPI_ISL_509804, EPI_ISL_509807	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gustavo Cilia, Milagrosa Moraes, Luis Prieto, Jose Maria Marinon and SeqCOVID-SPAN consortium
			Gage Moreno, Katanna Braun, et al. AIDS Vaccine Research Laboratories

EPI_ISL_510448	EPI_ISL_510450	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mercedes Pérez Ruiz, Sara Santomatsu Gámez, Irene Pedrosa Corral, José M. Navarro-Marrí and SeqCOVID-SPAIN consortium
EPI_ISL_510523		Servicio de Microbiología, Laboratorio Clínico Metropolitano Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Elisa Marró, Antoni E. Bordy, Anna Not, Adrián Antóni, Anabel Fernández, Nora Romani and SeqCOVID-SPAIN consortium
EPI_ISL_510526	EPI_ISL_510535	Biological prevention, army Molecular Virology, Instituto Carlos Chagas / Focuz Paraná	Biological prevention, army Universidade Federal do Paraná (UFPR)	Seadaw, M.G., Shamel, M.D., Henry, B.S., Ehsosy, M.M. and Gad, A.F. Suzukawa, A., Tschä, M., Zanluca, C., Radoni, S., Duarte dos Santos, C.
EPI_ISL_510536	EPI_ISL_510541	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Souza, T.M., Fritelman-Rodrigues, N., De Paula, A.D., Saraiva, F. B., Ferreira, M.A., Sacramento, C.O. and Medeiros, M.A.
EPI_ISL_510549	EPI_ISL_510582	Division of Infectious Diseases, Korea Centers for Diseases Control and Prevention Vollier AG	Division of Infectious Diseases, Korea Centers for Diseases Control and Prevention ETH Zürich	Jeong-Min Kim, Yoon-Seok Chung, Nangjo Lee, Sang Hee Woo, Hye-Jun Jo, Heui Man Kim, Jun-Soo Kim, Myung Guk Han
EPI_ISL_510738	EPI_ISL_510787	NA Klinisk mikrobiologi centralsjukhuset Karlstad	Department of Biosystems Science and Engineering, ETH Zürich The Public Health Agency of Sweden	Christian Beisel, Sarah Nadeau, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schär, Ina Nissen, Natascia Santoroce, Elodie Burcken, Christiane Beckmann, Maurice Redondo, Olivier Kobi, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Nho Beerenwinkel, Tanja Stadler
EPI_ISL_510812	EPI_ISL_510820	NA Utläts Eskilstuna	The Public Health Agency of Sweden The Public Health Agency of Sweden	Oskar Karlsson Lindjö, Maria Lind Karberg, Mattias Haukland, Feza Adani, Olov Svarstom, Anna-Malin Linde, Sandra Brodesson, Petra Edquist, Mia Bryting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_510827	EPI_ISL_510852	Karolinska Universitetslaboratoriet Instituto Nacional de Saude (INSA)	The Public Health Agency of Sweden The Public Health Agency of Sweden	Oskar Karlsson Lindjö, Marie Lind Karberg, Mattias Haukland, Feza Adani, Olov Svarstom, Anna-Malin Linde, Sandra Brodesson, Petra Edquist, Mia Bryting, Anna Risberg, Karin Tegmark-Wisell Borges et al
EPI_ISL_510890	EPI_ISL_511030	Laboratorium Kesehatan Provinsi Jawa Barat Vollier AG	Medicine-Universitas Padjadjaran, School of Life Sciences and Technology, & School of Pharmacy-Institut Teknologi Bandung, Laboratorium Kesehatan Provinsi Jawa Barat Department of Biosystems Science and Engineering, ETH Zürich	Marselina Irawanita Tan, Yunita Sribudiani, Gurur Riari, Azzania Fibiati, Husna Nugrahanjara, Tarnedi, Ema Rahmawati, Hesli Lina Witaswati, Lia Faridah Savira Ekawandhani, Ryan Bayusantika Ristandi, Riky Waiyugati Rachman, Ciri Nur Cynthia Almanda, Harman Riza, Soni Solisita Wisawan, Agung Eru Wibowo
EPI_ISL_512298	EPI_ISL_512300	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland COVID-19 Genomics UK (COG-UK) Consortium	Christian Beisel, Sarah Nadeau, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schär, Ina Nissen, Natascia Santoroce, Elodie Burcken, Christiane Beckmann, Maurice Redondo, Olivier Kobi, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Nho Beerenwinkel, Tanja Stadler
EPI_ISL_512467	EPI_ISL_512511	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit National Laboratory for Influenza/Virology reference laboratory, Public Health Center of the Ministry of Health of Ukraine	COVID-19 Genomics UK (COG-UK) Consortium Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Madeji Grzybek, Mariena Robakowska, Aneta Szulc, Ewa Mlonez, Olii Vapalahti, Teemu Sntura
EPI_ISL_512569	EPI_ISL_512663	Latvijas Infektoloģijas centrs Area De Salud Fortuna	Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Ivars Stalmieļs, Kaspars Megnis, Morna Ustinova, Iklia Zelovs, Vija Rove, Jeena Storoženko, Tatjana Kolupajeva, Oksana Savicka, Uga Dumpis, Jins Klovis
EPI_ISL_512671	EPI_ISL_512810	Area De Salud La Cruz National Laboratory for Influenza/Virology reference laboratory, Public Health Center of the Ministry of Health of Ukraine	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Francisco Duarte, Hebleen Porras, Claudio Sobr-Garita, Estela Cordero, Adriana Godínez & Melany Calderon
EPI_ISL_512842	EPI_ISL_512921	National Public Health Laboratory, National Centre for Infectious Diseases Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	National Public Health Laboratory, National Centre for Infectious Diseases Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Francisco Duarte, Hebleen Porras, Claudio Sobr-Garita, Estela Cordero, Adriana Godínez & Melany Calderon
EPI_ISL_512990	EPI_ISL_512991	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Mak, T.M., Octavia S., Zhou Z, Chavatte JM, Cui L, Lin RTP
EPI_ISL_513002	EPI_ISL_513003	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Ahmad Bakur Mahmud, Amir Hashem, Naif Almontashiri, Anab Pain
EPI_ISL_513064	EPI_ISL_513073	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Ahmad Bakur Mahmud, Amir Hashem, Naif Almontashiri, Anab Pain
EPI_ISL_513115		Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Ahmad Bakur Mahmud, Amir Hashem, Naif Almontashiri, Anab Pain

EPI_ISL_513176	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Anil Kumar Subudhi, Rahu P Salunke, Sara Mareri, Sharif Hala, Fadwa Alofi, Fathia Ben Rached, Ahrar Alsomali, Asim Khrogeer, Nashwa Alkhatani, Raeesa Naeem, Anwar Hashim, Naf Almotashiri, Anab Pain
EPI_ISL_513205	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Rahu P Salunke, Sharif Hala, Raeesa Naeem, Sara Mareri, Anil Kumar Subudhi, Amanda Ooi, Luke Esau, Fadwa Alofi, Fathia Ben Rached, Ahrar Alsomali, Asim Khrogeer, Ahmad Bakur Mahmood, Anwar Hashim, Naf Almotashiri, Anab Pain
EPI_ISL_513573, EPI_ISL_513574, EPI_ISL_513575, EPI_ISL_513576, EPI_ISL_513577, EPI_ISL_513578, EPI_ISL_513579, EPI_ISL_513580, EPI_ISL_513581, EPI_ISL_513582, EPI_ISL_513583	Programa de Oncologia, Instituto Nacional de Cancer Humboldt County Public Health Laboratory Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Programa de Oncorriologia, Instituto Nacional de Cancer Chan-Zuckerberg Biohub Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Juliana D. Siqueira, Livia R. Goss, Burrina M. Alves, Claudia Ciccia, James Arthos, João P. B. Viola, Andreia C. de Melo, Marcelo A. Soares
EPI_ISL_513842	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Olanub Consortium
EPI_ISL_514119	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Placide Mbale-Kingepeni, Edith Nkwemba, Eddy Kinganda-Iusanki, Anuri Aziza, Francisca Muvembe Mawere, Emmanuel Lokito Lokito, Catherine Pratt, Matthias Paulmer, Josh Ouk, Alison Black, James Hadfield, Trevor Bedford, Ian Goodfellow, Andrew Raimaud, Nick Loman, Kristian Andersen, Michael Wiley, Steve Ahuka-Mundehi, Jean-Jacques Muyembe Tshumu
EPI_ISL_514131	Rondonia Central Public Health Laboratory (LAOEN/RO), vinculated to State Health Secretariat of Rondonia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondonia	Luan Felipe Botelho-Souza, Felipe Souza Nogueira-Lima, Tarcio Peixoto Fogaça, Alorene de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Alina Linares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lungenburg, Camilla Flávia Gomes Azzi, Juliana Loça Furado, Suellen Cavalcante, Rita de Cassia Pontelli Hampazzo, Caio Henrique Nemei Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Villalobos-Salcedo and Deuslene Souza Vieira1
EPI_ISL_514132	Rondonia Central Public Health Laboratory (LAOEN/RO), vinculated to State Health Secretariat of Rondonia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondonia	Luan Felipe Botelho-Souza, Felipe Souza Nogueira-Lima, Tarcio Peixoto Fogaça, Alorene de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Alina Linares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lungenburg, Camilla Flávia Gomes Azzi, Juliana Loça Furado, Suellen Cavalcante, Rita de Cassia Pontelli Hampazzo, Caio Henrique Nemei Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Villalobos-Salcedo and Deuslene Souza Vieira
EPI_ISL_514133, EPI_ISL_514134, EPI_ISL_514135, EPI_ISL_514136, EPI_ISL_514137, EPI_ISL_514138	Rondonia Central Public Health Laboratory (LAOEN/RO), vinculated to State Health Secretariat of Rondonia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondonia	Luan Felipe Botelho-Souza, Felipe Souza Nogueira-Lima, Tarcio Peixoto Fogaça, Alorene de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Alina Linares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lungenburg, Camilla Flávia Gomes Azzi, Juliana Loça Furado, Suellen Cavalcante, Rita de Cassia Pontelli Hampazzo, Caio Henrique Nemei Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Villalobos-Salcedo and Deuslene Souza Vieira
EPI_ISL_514248	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Eshwar Osman, Md. Anashtar Haido, Shaikhna Akter, Tarjina Akter Baru, Md. Mursheed Hassan Sarkar, Barna Goswami, Ifat Jahari, Md. Saddam Hossain, Upal Chandra Ray, Saikat Ahmed Sajib, Md. Salim Khan
EPI_ISL_514253	Advanced Biotechnology Laboratory	Genomic Research Lab, BCSIR	Neta Zuckerman, Eriat Dahan Bucris, Oran Eriker, Elia Mendelsohn, Michal Mandelboim
EPI_ISL_514268	Israel Central Virology Laboratory	Israel Central Virology Laboratory	Allam M. Ismail, A. Khumalo, Z. Kwenda, S. Mishral, P. Myyament, F. Morkale, T. Bhanan JN
EPI_ISL_514354	General Hospital - Piliap	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Shahzadeh Z., Hossainzadeh Ghaharfeh, N., Hashemi, S.M. and Beati, O.
EPI_ISL_514424	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Jeong Min Kim, Yoon-Seok Chung, Namjo Lee, Sang Hee Woo, Hye-Jun Jo, Heui Man Kim, Jun-Sup Kim, Myung Guk Han
EPI_ISL_514753	Yafabed Hospital, COVID Lab Center	University of Tabriz	Keih Durkin, Maria Aresi, Sebastian Bortems, Raphael Boreux, Cecile Meek, Axelle Chastlain, Céline Fombelle-Lopez, Perritte Meiri, Marie-Pierre Heyette, Vincent Bours.
EPI_ISL_514805, EPI_ISL_514851, EPI_ISL_514900, EPI_ISL_514944, EPI_ISL_514989	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Ngou J.M., Quashie, P., Moringa, C.M., Amuzu, D.S., Adu, B., Kumordzi, S., Eshun, M., Boatman, L., Magnusson, V., Koeny, E., Te-Maya, F., Afiaguchi, A., Muringi, J.K., Bedlako, Y., Asante, I., Bonney, E., Iyie, G.B., Bonney, K., Amenga-Etego, L.N., Anang, A.K., Awandare, G.A., Ampofo, W.
EPI_ISL_515055, EPI_ISL_515075	Department of Clinical Microbiology	GIGA Medical Genomics	Ivars Silamietis, Kaspars Megnis, Morna Ustinova, Ika Zieļos, Vija Rove, Selaia Lepa, Jana Ose, Marta Priedle, Uga Dumpis, Jins Klovis Claudio Travares Sachi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_515100, EPI_ISL_515111	Department of Biochemistry, Cell and Molecular Biology	WACCBIP, University of Ghana	Glandhari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_515196	Centri laboratorija	Latvian Biomedical Research and Study Centre	Christian Baisel, Sarah Nadeau, Ivan Topolitsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada, Céscopedes, Tobias Står, Iha Nissen, Natascha Sameroco, Etiole Burchen, Christiane Beckmann, Maurice Redondo, Olivier Kober, Ormiston Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerwinkel, Tanja Stauder
EPI_ISL_515525	National Influenza Center - Instituto Adolfo Lutz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Gisela Barrera-Badillo , April Rodriguez-Maldonado, Claudia Wong-Mambola , Nativedy Cruz-Ortiz , Tatiana Nunes-Garcia, Dayanira Arellano-Suarez, Fabiola Carcer-Ayala, Edgar Mendola-Cordado, Lucia Hernandez-Rivas, Irma Lopez-Marinaz, Emerso Ramirez-Gonzalez, Juan José Guadalupe, Monica Becerra-Viong, Bernardo Gutiérrez, Nahil Dhik, Carlos Mena, Eddy Quiroz, Yomara Nappa, Verónica Barragán, Patricia Rojas-Silva, Gabriel Trueta, Michelle Granauer, Paul Cardenas
EPI_ISL_515642	NHL-SI-ALCH	KRISP, KZN Research Innovation and Sequencing Platform	Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Viong, Bernardo Gutiérrez, Nahil Dhik, Carlos Mena, Eddy Quiroz, Yomara Nappa, Verónica Barragán, Patricia Rojas-Silva, Gabriel Trueta, Michelle Granauer, Paul Cardenas
EPI_ISL_516415, EPI_ISL_516424	Center for public health - Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Ganadi, Hernda Wibawa, Marcelus, Mohamad S. Hakim, Edwin W. Darmawijaya, Ludwig P. Rizki, Endah Supriyati, Eggi Arguni, Tik Nuryastuti, Tri Wibawa, Dwi AA Nugrahainingsih, Alahayati, Siswanto, Aivin S. Kallim, Desyfa Mursalin
EPI_ISL_516428, EPI_ISL_516429, EPI_ISL_516431	Clinical Hospital - Ship	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Mak TM, Octavia S, Zhou Z, Cui L, Lin RTP
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EPI_ISL_516611, EPI_ISL_516825	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	
EPI_ISL_516648	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	
EPI_ISL_516652	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	
EPI_ISL_516800	Rumah Sakit Akademik Universitas Gadjah Mada	Genetics Working Group (Pokia Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM), Disease Investigation Center Wates Ministry of Agriculture Indonesia, Department of Microbiology FK-KMK UGM, Laboratorium Diagnostik Yayasan Taha World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM, Integrated Research center FK-KMK UGM, Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_516813	National Public Health Laboratory, National Centre for	National Public Health Laboratory, National Centre for	

EPI_ISL_516829	Infectious Diseases	RSUD Nyi Ageng Serang	Genetics Working Group (Pekia Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM), Disease Investigation Center Wates Ministry of Agriculture Indonesia, Department of Microbiology FK-KMK UGM, Laboratorium Diagnostik Yayasan Taha World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM, Integrated Research Center FK-KMK UGM, Department of Computer Science and Electronics FMIPA UGM	Gunadi, Herdita Wibawa, . Marcellus, Mohamad S, Hakim, Edwin W, Damwijaya, Ludharg P, Rizki, Erdah Supriati, Eggi Aguni, Tik Nurysulfi, Tri Wibawa, Dw AA Nugrahainingsih, Alhadyati, ., Siswanto, Bayu Dewi Satrika, Dyan Ayu Puspitarani
EPI_ISL_516925, EPI_ISL_516913, EPI_ISL_516917, EPI_ISL_516931	Department for Molecular Diagnostics, Centre for Medical Microbiology, Institute of Public Health of Montenegro	Israel Central Virology laboratory	Charite Universitaetsmedizin Berlin, Institut für Virologie	Victor M Corman, Terry Jones, Jörn Behrm-Schwarzbach, Barbara Muehlenmann, Talitha Veith, Julia Schneider, Marjia Govedarica and Danijela Vujanovic, Christian Doosen
EPI_ISL_516938	Nicolae Testemitanu State University of Medicine and Pharmacy	International Centre for Genetic Engineering and Biotechnology (IGGEB) and ARGO Open Lab Platform for Genome Sequencing	Erasmus Medical Center	Nela Zuckerman, Eriat Dahan Burris, Oran Erster, Eila Mendelson, Michal Mandelboim
EPI_ISL_517616, EPI_ISL_517621, EPI_ISL_517624, EPI_ISL_517657, EPI_ISL_517658, EPI_ISL_518817	Academic Hospital Paramaribo	Erasmus Medical Center	MDU-PHL	Bas Oude Munnik, Dion Galadin, Ed Jzerman, Emmanuelle Wulger, Gary Gummeis, Ingrid Krishnadati, Lycké Wollitz, Marlon Koopmans, Mireille Van de Vaer, Princes Wongsoedjono, Radjesh Oti, Rohma Banwar, Stephen Vreden
EPI_ISL_519114, EPI_ISL_519157	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	Al Jallia Genomics Center	MDU-PHL	Seemann T., Schultz M., Sait, M., Sherry, N.
EPI_ISL_520687, EPI_ISL_520706, EPI_ISL_520713, EPI_ISL_520742	Mohammed Bin Rashid University of Medicine and Health Sciences	VIDRI and MDU-PHL		Ahmed Abou Tayoun, Tom Loney, Hamda Khrasaneh, Sathishkumar Ramaswamy, Divinial Harieli, Zulia Omar Deesi, Rupa Murthy, Varqhesa, Hanan Al Suwaidi, Abdulnagheed Alkhrja, Mohammed Uddin, Rifat Hamoudi, Rabih Halwani, Abiola Catherine Senok, Quinyha Hamid, Norbert Nowotny, Alawi Alsheikh-Alli
EPI_ISL_521120, EPI_ISL_521482, EPI_ISL_521924, EPI_ISL_521925	Victorian Infectious Diseases Reference Laboratory (VIDRI)	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	VIDRI and MDU-PHL	Cally L., Seemann T., Sait, M., Schultz M., Duce J., Sherry, N.
EPI_ISL_522479, EPI_ISL_522492	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong Min Kim, Yoon-Seok Chung	Junyoung Kim, Ae Kyung Park, Eunyoung Shin, Jin Sun No, Jeong-Min Kim, Yoon-Seok Chung, Heui Man Kim, Myung Guk Han
EPI_ISL_522526	Division of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Maryland Department of Health		Ulsess9 Scaligera
EPI_ISL_522834	UlSS9 Scaligera	Istituto Zooprofilattico Sperimentale delle Venezie		Adelaide Milan, Alessia Schivo, Annalisa Savirio, Erika Giorgia Quaranta, Giampiero Zamperin, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Calogero Terrajolo, Antonia Ricci
EPI_ISL_522859	UlSS9 Scaligera	Erasmus Medical Center		Hidalgo-Miranda A., Mendoza Vargas A., Reyes-Grateda J.P., Cisneros-Villanueva M., Cedro-Taranda A., Hurtado-Cordova E., Peñafoza-Figueroa F., Herrera-Montalvo LA
EPI_ISL_522874	Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica		Bas Oude Munnik, David Neuvenhuijse, Reina Sikkema, Claudia Schependorik, Inna Chrestakova, Anne van der Linden, Theo Bastiebroer, Stefan van Nieuwoop, Mark Pronk, Pascal Lexmond, Corin Swaan, Manon Hevrickate, Madelief Moliers, Marj Sten, Sandra Kengne Kamga Mbou, Jeroen van Kampen, Jolanda Voermans, Aura Timen, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Woldenkamp, Marlon Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_523200, EPI_ISL_523364, EPI_ISL_523383	Dutch COVID-19 response team	Erasmus Medical Center		Hidalgo-Miranda A., Mendoza Vargas A., Reyes-Grateda J.P., Cisneros-Villanueva M., Cedro-Taranda A., Hurtado-Cordova E., Peñafoza-Figueroa F., Herrera-Montalvo LA
EPI_ISL_523307	Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica		Bas Oude Munnik, David Neuvenhuijse, Reina Sikkema, Claudia Schependorik, Inna Chrestakova, Anne van der Linden, Theo Bastiebroer, Stefan van Nieuwoop, Mark Pronk, Pascal Lexmond, Corin Swaan, Manon Hevrickate, Madelief Moliers, Marj Sten, Sandra Kengne Kamga Mbou, Jeroen van Kampen, Jolanda Voermans, Aura Timen, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Woldenkamp, Marlon Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_523515, EPI_ISL_523613, EPI_ISL_523632, EPI_ISL_523688, EPI_ISL_523713, EPI_ISL_523731, EPI_ISL_523735, EPI_ISL_523802	Dutch COVID-19 response team	Erasmus Medical Center		Hidalgo-Miranda A., Mendoza Vargas A., Reyes-Grateda J.P., Cisneros-Villanueva M., Cedro-Taranda A., Hurtado-Cordova E., Peñafoza-Figueroa F., Herrera-Montalvo LA
EPI_ISL_523907	Vollter AG	Department of Biosystems Science and Engineering, ETH Zurich		Christian Beisel, Sarah Nadeau, Van Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schat, Ina Nissen, Natascia Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Beckmann, Nihko Kobel, Christoph Noppert, Sophie Seidel, Noemie Santamania de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_523959	Pronto Socorro Municipal de Perus	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Travares Sacchi, Claudia Regina Gonçalves, Erica Vallessa Ramos Gomes
EPI_ISL_524022	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation		Andrey Komissarov, Atram Fadeev, Maria Sergeeva, Anna Ivanova, Daria Danilenko
EPI_ISL_524426	Egyptian National Cancer Institute (ENCI)	Egyptian National Cancer Institute (ENCI)		Zekri, Abdel Rahman N., Amer K.E., Ahmed O.S., Soliman H.K., Ali M.A., Hassan W.A., Mahmoud A.A., Khatatba A.A., Hafez J.M., Akouhroda, Mohamed
EPI_ISL_524468	Hospital Municipal Vereador Jose Storopoli	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Travares Sacchi, Claudia Regina Gonçalves, Erica Vallessa Ramos Gomes
EPI_ISL_524469	Santa Casa de Misericordia de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Travares Sacchi, Claudia Regina Gonçalves, Erica Vallessa Ramos Gomes
EPI_ISL_524470	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Travares Sacchi, Claudia Regina Gonçalves, Erica Vallessa Ramos Gomes
EPI_ISL_524786, EPI_ISL_524786, EPI_ISL_524789, EPI_ISL_524799, EPI_ISL_524800	Evandro Chagas Institute	Evandro Chagas Institute		Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Resque, H.R; Martins, L.C.; Sousa Junior, E.C.; Viana, G.M.F.R
EPI_ISL_525352, EPI_ISL_525390, EPI_ISL_525418	National Virus Reference Laboratory	National Virus Reference Laboratory		Michael Carr, Gabriel Gonzalez, Jonathan Dean, Aditi Chaturvedi, Suzie Couglhan, Cillian F De Gassun
EPI_ISL_525431	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito		Juan José Guadalupe, Monica Becerra-Wong, Belen Prado-Vivar, Sully Márquez, Ugia Briceno, Carlos Mana, Nahli Dahik, Bernardo Gutiérrez, Verónica Barragán, Patricio Rojas-Silva, Gabriel Granauer, Paul Cárdenas
EPI_ISL_525467	Universidad Iberoamericana	International Centre for Genetic Engineering and Biotechnology (IGGEB) and ARGO Open Lab Platform		Robert Paulino-Ramirez, Eileen Riego, Alejandro Valdejo Degandenzi, Victor Virgilio Calderon, Leandro Tapia, Patricia Leon, Danilo Licastro, Simeone Dal Monaco, Steephil Rajasekharan and Alessandro Marcello
EPI_ISL_525481	Centre for Dengue Research	Centre for Dengue Research		Chandima Jeewandara, Deshni Jayathilaka, Dinuka Anjarahe, Laksiri Gomes, Divyanti Ranasinghe, Ananda Wijewickrama, Eranga Narayana, Dhanayarithi Idampitaya, Gathsaruf Neelika Malawige
EPI_ISL_525486	Centre for Dengue Research	Centre for Dengue Research		Chandima Jeewandara, Deshni Jayathilaka, Dinuka Anjarahe, Laksiri Gomes, Divyanti Ranasinghe, Ananda Wijewickrama, Malika Karunaratne, Eranga Narayana, Dhanayarithi Idampitaya, Gathsaruf Neelika Malawige
EPI_ISL_526220, EPI_ISL_526223, EPI_ISL_526224, EPI_ISL_526225, EPI_ISL_526236	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentgöhal Research Centre		Erdre Gábor Toth, Balázs Somogyi, Bálint Eszényi, Ferenc Jakab, Gábor Keményesi

EPI_ISL_526259, EPI_ISL_526268, EPI_ISL_526275	Unity Health Toronto	Ontario Institute for Cancer Research	Ranzai Fatouh, Larissa M., Matukas, Mark, Downing, Amelie Gower, Karol Boissinot, Samira Mulaetka, TBDN, Ilirca Lungu, Bernard Lam, Jeremy Johns, Sam Haldenby, Anlie Lucaci, Steve Paterson, Julian Hiscox, Alistair Darty, M Almsaid, A Alrezaili, Muhammad Alruwaihi, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmill, Alessandro Gerada, PFF Gilmore, Richard Gregory, Xinrong Han, Catherine Hartley, Margaret Hughes, Wilen Iuriza-Gomara, James Johnson, L Liu, Jennifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateji, Rebekah Penrice-Randell, Lucille Rankow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawill, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanna Waits, Mark Whitehead
EPI_ISL_526372	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Pau Krzyzanowski, Richard de Boija, Fátima Vincoli, Philip Zuzarte, Jared Simpson
EPI_ISL_526727	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Disease Control and Prevention	Jeong-Min Kim, Yoon-Seok Chung, Namjoon Lee, Sang Hee Woo, Hye-Jun Jo, Heui Man Kim, Jun-Soo Kim, Myung Guk Han
EPI_ISL_526746	Center for Laboratory Control of Infectious Diseases, Korea Centers for Disease Control and Prevention	Center for Laboratory Control of Infectious Diseases, Korea Centers for Disease Control and Prevention	Junyoung Kim, Ae Kyung Park, Eunhyung Shin, Jin Sun No, Jeong-Min Kim, Yoon-Seok Chung, Heui Man Kim, Myung Guk Han
EPI_ISL_526933, EPI_ISL_526949, EPI_ISL_526958, EPI_ISL_526967, EPI_ISL_526971	Instituto Nacional de Salud, Bogotá, Colombia	Instituto Nacional de Salud, Bogotá, Colombia	Katherine Laiton-Donato, Diego A. Alvarez-Diaz, Carlos Franco-Murzo, Mauricio Pacheco-Monteleagre, Jonathan Peales, Diego Andrés Prada, Jose A. Urme-Ciro, Zulma M. Cucunubá, Christian Julian Villabona-Arenas, Liz Villabona-Arenas, Susay Echeverría Astud C, Florez, Carolina Ferro, Diana Marcela Walteros-Acero, Franklin Pinedo, Carlos Andrés Durán, Martha Lucia Martínez, Marcela Mercado-Reyes
EPI_ISL_526975, EPI_ISL_526986	Biological prevention, army	Biological prevention, army	Seadawy, M.G., Gad, A.F., Harry, B.E., Elhoseny, M.F., Sharnel, M.D.
EPI_ISL_527359, EPI_ISL_527363	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Mak TM, Octavia S, Zhou Z, Cui L, Lin RTP
EPI_ISL_527547, EPI_ISL_527550	Viral Respiratory Lab, National Institute for Biomedical Research (INIB) Hospital Metropolitanano	Pathogen Sequencing Lab, National Institute for Biomedical Research (INIB)	Praedie Mbale-Kingebeni, Edith Nwemba, Eddy Kiriganda-Lusamaki, Anuri Aziza, Francisca Muryemba Mawete, Emmanuel Lukito Lofko, Catherine Pratt, Mathias Faulmer, Joshi Quirk, Alison Black, James Hatfield, Trevor Bedford, Ian Goodenow, Andrew Hamard, Nick Lorenz, Kristian Andersen, Michael Wiley, Steve Anukam-Munroe, Jean-Jacques Wuyembe Taramun
EPI_ISL_527741	Hospital Metropolitanano	Indecsa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Sobó-Garita, Estela Cordero, Adriana Godínez & Melany Calderon
EPI_ISL_527748	Area De Salud Corredores	Indecsa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Sobó-Garita, Estela Cordero, Adriana Godínez & Melany Calderon
EPI_ISL_527809	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Belén Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Stephanie Arequi, Pano Bracho, Karina Barragan, Anita Garcia, Carlos Tobar, Verónica Barragan, Patricia Rojas-Silva, Gabriel Truaba, Michelle Gunzauer, Pauli Corderas
EPI_ISL_527873, EPI_ISL_527883, EPI_ISL_527887, EPI_ISL_527899, EPI_ISL_527914	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Olunjuye P. E. et al
EPI_ISL_528694, EPI_ISL_528701, EPI_ISL_528702, EPI_ISL_528703, EPI_ISL_528705	Alsatir - Khalifa University Abu Dhabi	Alsatir - Khalifa University Abu Dhabi	Andreas Henschel, Gihan Daw Ehsat, Samuel Feng, Riha Hamoudi, Ernesto Damiani, Guan Tay, Habiba Alsatir
EPI_ISL_528746	Immanuel Hospital	Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Pharmacy-Institusi Teknologi Bandung; Laboratorium Keseliatan Provinsi Jawa Barat	Yunia Sibudiantji, Ti Hanggono Achmad, Mas Rizky A.A Syamsunarno, Feni Anallina, Catur Riani, Azzania Fihriani, Husna Nugrahaprija, Marselina Rasnasia Tan, Tarwedi, Ena Rahmawati, Savira Ekawatihani, Hesti Lina Witasari, Ryan Bayusantika Hristardi, Rifky Waluygati Rachman, Cui Nur Cinthia Alamanda, Lia Faridat, Hamman Rizka, Sony Solisia Wirawan, Agung Eru Wibowo, Ivan Falzai
EPI_ISL_528747	Santo Barromeus Hospital	School of Pharmacy & School of Life Sciences and Technology - Institut Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; Laboratorium Keseliatan Provinsi Jawa Barat	Catur Riani, Marselina Rasnasia Tan, Yunia Sibudiantji, Azzania Fihriani, Husna Nugrahaprija, Tarwedi, Ena Rahmawati, Savira Ekawatihani, Hesti Lina Witasari, Ryan Bayusantika Hristardi, Rifky Waluygati Rachman, Cui Nur Cinthia Alamanda, Lia Faridat, Wiharubi Faridi, Kasmiratu Khionunisa, Hamman Rizka, Sony Solisia Wirawan, Agung Eru Wibowo, Ivan Falzai
EPI_ISL_528753	Dinkes Kota Bogor	School of Life Sciences and Technology & School of Pharmacy-Institusi Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; Laboratorium Keseliatan Provinsi Jawa Barat	Azzania Fihriani, Catur Riani, Marselina Rasnasia Tan, Yunia Sibudiantji, Husna Nugrahaprija, Tarwedi, Ena Rahmawati, Savira Ekawatihani, Hesti Lina Witasari, Ryan Bayusantika Hristardi, Rifky Waluygati Rachman, Cui Nur Cinthia Alamanda, Lia Faridat, Davin H. E. Setiamaqna, Rizki Mardian, Hamman Rizka, Sony Solisia Wirawan, Agung Eru Wibowo, Ivan Falzai
EPI_ISL_528813, EPI_ISL_528818	Department of Medicine, Gandhi hospital, Hyderabad	CSIR-Centre for Cellular and Molecular Biology	Vinayasekhar Aedula, Thrilok Chandler Bingli, Rajarao Mesi-pogu, Shagunika Khan, Lamuk Zaveri, Namram Gaur, Sakshi Shambravi, Nikhil Heljims, M Soujanya Reddy, Prathusa Maccoa, Tulasi Nagabandi, Puneshobhan Vodnala, Payal Mukherjee, Soia Banu, Priya Singh, Onika Kulkarni, Dhruva Vedagiri, Divya Gupta, Vistal San, Santosh Kumar Kuncha, Krishan Harinivas Harshan, Archana Bharadwaj Siva, Kartik Bharadwaj Talipatka, Umesh Kumar, Uns Ahmad Bhat, Ajay Sarawagi, Priyanka Pant, Rajkanwar Nahataw, Rakesh K Mishra, Divya Tej, Sowpati
EPI_ISL_528947	Agenzia di Tutela della Salute di Bergamo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise -G.Caporale*	Lorusso A, Marceci M, Di Domenico M, Curiñi V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_528993	Ospedale Civile S. Liberatore-Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise -G.Caporale*	Lorusso A, Marceci M, Di Domenico M, Curiñi V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_529014	Ospedale "Ss. Annunziata"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise -G.Caporale	Lorusso A, Marceci M, Di Domenico M, Curiñi V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_529031	Central Molecular Microbiology Laboratory, Clinical and Chemical Pathology Department, Faculty of Medicine, CAIRO UNIVERSITY	Next Generation Sequencing Reference Laboratory, Faculty of Medicine, Cairo University and The Center for Genome and Microbiome Research, Faculty of Pharmacy, CAIRO UNIVERSITY	May Sherif Soliman, May Abdelattah, Ramy Karam Aziz
EPI_ISL_529032	Central Molecular Microbiology Laboratory and Next Generation Sequencing Reference Laboratory, Clinical and Chemical Pathology Department, Faculty of Medicine, CAIRO UNIVERSITY	Next Generation Sequencing Reference Laboratory, Faculty of Medicine, Cairo University and The Center for Genome and Microbiome Research, Faculty of Pharmacy, CAIRO UNIVERSITY	May Sherif Soliman, May Abdelattah, Ramy Karam Aziz
EPI_ISL_529067	Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru	Laboratorio de Genómica Microbiana, Universidad Peruana Cayetano Heredia	Pablo Tsukayama, Alejandra Davila Barclay, Luis González, Pedro E. Romero, Brenda Ayzarna, Janei Huancachoque, Pooli Marcos, Maribel Huarinaga
EPI_ISL_529138	RSAL Dr. Ramelan Surabaya	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari, Rima R Prasetya, Krisnadi Rahardjo, Adise W Nasiri, Radito Soesanto, Gatot Soegiarto, Laksni Wulandari, Retno A Setyoningrum, Resti Yudhawati, Yoiko K Shimizu, Mitsuhito Nishimura, Yasuko Mori, Soejipto, Kazuomi Shimizu, Maria Lusida
EPI_ISL_529139	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Souza T.M., Fintelman-Rodrigues, N., De Paula A.D., Saraiva F.B., Ferreira M.A., Sacramento C.O., Medeiros M.A.
EPI_ISL_529140	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Centro de Desenvolvimento Tecnológico em Saúde, Fundacao Oswaldo Cruz	Souza T.M., Fintelman-Rodrigues, N., De Paula A.D., Saraiva F.B., Ferreira M.A., Sacramento C.O., Medeiros M.A.
EPI_ISL_529693	Virology Department, Royal Infirmary of Edinburgh, NHS	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balceca C, O'Toole A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC,

EPI_ISL_529750, EPI_ISL_529753, EPI_ISL_529780	Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh NHL-S-JALCH	KRISP, KZN Research Innovation and Sequencing Platform	Templeton K
EPI_ISL_529963	Universitas Airlangga Hospital	Institute of Tropical Diseases, Universitas Airlangga	Glandhari J, Pillay S, Lessells R, Middlese K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_529966	RSUD Sidoarjo	Institute of Tropical Disease, Universitas Airlangga	Fina R, Prasetya, Krisnoadi Rahardjo, Afdise M Nasri, JeZZy R Dewantari, Nasronudin, Gato Soeparto, Laksmi Wulandari, Retno A Seyonimgunum, Resli Yudhantha, Yohko K Shimizu, Mishiro Nishimura, Yasuko Mori, Soejipto, Kazutumi Shimizu, Maria I Lusida
EPI_ISL_530088	Hospital Universitario La Paz	Hospital Universitario La Paz	Kazutumi Shimizu, Krisnadi Rahardjo, Afdise M Nasri, JeZZy R Dewantari, Fina R Prasetya, Alok Trawan, Gato Soeparto, Laksmi Wulandari, Retno A Seyonimgunum, Resli Yudhantha, Yohko K Shimizu, Mishiro Nishimura, Yasuko Mori, Soejipto, Maria I Lusida
EPI_ISL_530156	Seattle Flu Study	Seattle Flu Study	Maria Rodriguez, Elias Dahdoun, Sara Gonzalez, Fernando Lazaro, Esther Viehna, Natalia Stella, Julio Garcia, Juan Carlos Galán, Rafael Cantón, IM Dolores Fonguera, Rafael Delgado, Jesus Mingorance
EPI_ISL_531233, EPI_ISL_531267, EPI_ISL_531776, EPI_ISL_532020, EPI_ISL_532109, EPI_ISL_532481, EPI_ISL_532536, EPI_ISL_532578, EPI_ISL_532582	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Deborah A, Nickerson, Chris D, Frazer, Jover Lee, Benjamin Peile, Mathew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D, Han, Kaiarsen Fay, Misja Ilicsin, Kirsten Lacombe, Thomas R, Sibley, Melissa Truong, Caitlin R, Wolf, Karen Comwell, Stephanie Schrag, Jeff Duchin, Michaeli Boehch, Janet A, Englund, Michael Farnhale, Barry R, Lutz, Mark J, Rieder, Lea M, Starita, Matthew Thompson, Helen Y, Chu, Trevor Bedford, Jay Shendure
EPI_ISL_532674	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yurni Kasai, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe
EPI_ISL_532791, EPI_ISL_532905	NHSGGC West of Scotland Specialist Virology Centre / MFC-University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Ana da Silva Filipe, Nataasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Lily Tong, Jemma Nichols, Elinu Arandy-Cortes, Kirstyn Brunker, Yasmin Parr, Kyriaki Nomioku, Sarah McDonnell, Marc Niebel, Patavase Assamphan, Richard Orion, Joseph Hughes, Steenu Vaitipally, David L, Robertson, Alastair MacLean, Roy Gunsont, Kathy Li, Natasha Jesudason, Rajiv Shah, James Shephard, Antonia Ho, Alice Boos, Emma Thomson and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe
EPI_ISL_532934, EPI_ISL_533234	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yurni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe
EPI_ISL_533237	NHSGGC West of Scotland Specialist Virology Centre / MFC-University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Ana da Silva Filipe, Nataasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Lily Tong, Jemma Nichols, Elinu Arandy-Cortes, Kirstyn Brunker, Yasmin Parr, Kyriaki Nomioku, Sarah McDonnell, Marc Niebel, Patavase Assamphan, Richard Orion, Joseph Hughes, Steenu Vaitipally, David L, Robertson, Alastair MacLean, Roy Gunsont, Kathy Li, Natasha Jesudason, Rajiv Shah, James Shephard, Antonia Ho, Alice Boos, Emma Thomson and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe
EPI_ISL_533244, EPI_ISL_533245	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yurni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe
EPI_ISL_534201, EPI_ISL_534207	Central laboratorio	Latvian Biomedical Research and Study Centre	Ivars Slamielis, Jins Plakoskis, Kaspars Megnis, Monika Ushnova, Iklia Zeliou, Via Rove, Stelja Lapina, Jana Ore, Maria Priedle, Uga Dumpis, Jins Kivis
EPI_ISL_534212	E Gudbi Laboratorija	Latvian Biomedical Research and Study Centre	Ivars Slamielis, Jins Plakoskis, Kaspars Megnis, Monika Ushnova, Iklia Zeliou, Via Rove, Mikus Gavars, Dmitrijs Perminovs, Uga Dumpis, Jins Kivis
EPI_ISL_534244	Sundsvalls sjukhus	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lund Karlberg, Mattias Haukeland, Reza Advari, Olov Startstam, Oskar Karlsson Lindqvist, Sandra Brodesson, Petra Edqvist, Mia Bryting, Anna Nisberg, Karin Tegmark-Wisell
EPI_ISL_534312	Districto Sanitario Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534314	Hospital Universitario da USP de SP	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534315	Serviço de Verificação de Óbitos SVO Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534316	OS Mun Samana Lauro Ribas Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534317	Hospital Geral de Itapevi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534318	Hospital Municipal Antonio Giglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534319, EPI_ISL_534320	Hospital do Serv. Pub. ESTAFCC Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534321	PS e Maternidade Nair-Fonseca Lettao Arantes	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534326	Noite Dama Intermedica Saude AS	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Travarres Saechi, Claudia Regina Goncalves, Erica Vallessa Ramos Gomes
EPI_ISL_534336	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Suh-Yuan Chang
EPI_ISL_534412, EPI_ISL_534419, EPI_ISL_534647	NHSGGC West of Scotland Specialist Virology Centre / MFC-University of Glasgow Centre for Virus Research	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Ana da Silva Filipe, Nataasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Lily Tong, Jemma Nichols, Elinu Arandy-Cortes, Kirstyn Brunker, Yasmin Parr, Kyriaki Nomioku, Sarah McDonnell, Marc Niebel, Patavase Assamphan, Richard Orion, Joseph Hughes, Steenu Vaitipally, David L, Robertson, Alastair MacLean, Roy Gunsont, Kathy Li, Natasha Jesudason, Rajiv Shah, James Shephard, Antonia Ho, Alice Boos, Emma Thomson and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance team (http://www.sanger.ac.uk/ucsdv-team)
EPI_ISL_534833	Oxford Virotics, NDM, University of Oxford; Oxford University Hospitals; Basinsgiate and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George McWhirer, Andy Tribes, Mairafersa de Cesari, Cathin Moore, Alex Mobbs, Amlu Justice, Robert Shaw, Monique Anderson, Timothy Peat, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_535501	NHL-S-JALCH	KRISP, KZN Research Innovation and Sequencing Platform	Glandhari J, Pillay S, Lessells R, Middlese K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_536411	Medlines Molecular Laboratory	Medlines Molecular Laboratory	Eric Chan, Winsome Wong, Jacqueline Tam, Isaac Chow
EPI_ISL_536421, EPI_ISL_536432	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Mak TM, Octavia S, Zhou Z, Cui L, Lin RTP

EPI_ISL_536505	Instituto Nacional de Salud	Laboratorio de Infecciones Respiratorias Ayudás	Eduardo Juscanaya Lopez, David Trazona, Faviola Valdívía Guerrero, Nancy Rojas Serrano, Dennis Carhuarica, Larin Matuano Hernandez, Romie Gabilan Chavez
EPI_ISL_537065	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yuni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_538504, EPI_ISL_538508	National Institute of Health Research and Development	National Institute of Health Research and Development	Pawesti, HA, Shuangqi, Puspita, KD, Nugraha, AA, Ikawati, HD, Pangesti, KNA, Soekarno, T, Susilawati, NK, Hartasuli, NI, Nikmah, UA, Mursinah, Febriyani, A, Herman, R, Susanti, N, Herina, Ramadhany, R, Agustiningtish, Kurnawati, J, Kipuw, NL, Muna, F, Indralu, LI, Adani, K, Wibowo, HA, Rizki, A, Puspandary, N, Seiwardy, V.
EPI_ISL_539368	Viollier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Beisel, Sarah Nadeau, Ivan Topolitsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Söthli, Ina Nissen, Natascia Santaroca, Elodie Burchlen, Christiane Beckmann, Maurice Redondo, Oliver Kobi, Christoph Noppin, Sophie Seidel, Nennine Santamaría de Souza, Nho Beerenwinktel, Tanja Stadler
EPI_ISL_539546, EPI_ISL_539547	Hospital Clinic	Instituto de Salud Carlos III	Iglesias-Caballero, M, Molinero Calamita, M, González-Espgullillas, M, Camarero, S, Pozo F, Casas, I, Jiménez, P, Jiménez, M, Zabalos, A, Monzon, S, Varona, S, Julia, M, Quesada, I, M, A, Marcos
EPI_ISL_539593, EPI_ISL_539596	ZOTZ KLIMAS MNZ Dusseldorf-Centrum GBR UBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Dusseldorf	Maximilian Danneberg, Alexander Dillthey, Ashlee-Jane Dulleiss, Patrick Finzer, Karim Hofmann, Torsten Houwman, Malte Kohns Vasconcelos, Marek Kowencak, Nadine Lübke, Jessica Nicolai, Klaus Pflieger, Daniel Ströyer, Jörg Trimm, Andreas Walker, Tobias Wernemann, Rainer Zitz
EPI_ISL_539618	CSIR-Centre for Cellular and Molecular Biology	CSIR-Centre for Cellular and Molecular Biology	Lanuk Zaveri, Shagufa Khan, Nikhil Hajirnis, M Soujanya Reddy, Prathusa Macocha, Namam Gaur, Sakshi Shanbhavi, Tulaa Nagabandi, Prusthotam Vootria, Pavei Mukherjee, Soha Banu, Priya Singh, Oshai Kulkarni, Divyja Vedagiri, Divya Gupta, Vishal San, Santosh Kumar Kurucha, Krishan Harinvas Harshan, Archana Bharadwaj Siva, Karthik Bharadwaj Talapakota,Zeba Rizvi, Zuberwasim Sayyad, Kekadee Aishwarya Anun, Anurutha H C, Aranga Ghosh, Rakesh K Mishra, Divya Tej Sowpati
EPI_ISL_539620	CSIR-Centre for Cellular and Molecular Biology	CSIR-Centre for Cellular and Molecular Biology	M Soujanya Reddy, Nikhil Hajirnis, Prathusa Macocha, Pavei Mukherjee, Soha Banu, Priya Singh, Oshai Kulkarni, Tulasi Nagabandi, Namam Gaur, Sakshi Shanbhavi, Lanuk Zaveri, Shagufa Khan, Prusthotam Vootria, Divyja Vedagiri, Divya Gupta, Vishal San, Santosh Kumar Kurucha, Krishan Harinvas Harshan, Archana Bharadwaj Siva, Karthik Bharadwaj Talapakota, Zeba Rizvi, Zuberwasim Sayyad, Kekadee Aishwarya Anun, Anurutha H C, Rakesh K Mishra, Divya Tej Sowpati
EPI_ISL_539783, EPI_ISL_539784	Universidad Regional Amazonica IKIAM	Institute of Microbiology, Universidad San Francisco de Quito	Fabian Aguilar, Katherine Apurte, Andrea Carrera, Nina Espinoza de los Monteros, Giovanna Moran, Marcelo Ortiz, Yanny Rojas, Sonia Silema, Carolina Psoano-Bolanos, Belén Prado-Vivar, Suliy Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Verónica Barragán, Patricia Rojas-Silva, Gabriel Trueta, Michelle Guntauer, Paul Cardenas
EPI_ISL_539804	Yan Chai Hospital	Hong Kong Department of Health	Afan K.L. Tsang, Peter C.W. Yip, Edman T.K. Lam, Rickjason C.W. Chan, Dominic N.C. Tsang
EPI_ISL_539811	Asisworld Expo Command Post	Hong Kong Department of Health	Afan K.L. Tsang, Peter C.W. Yip, Edman T.K. Lam, Rickjason C.W. Chan, Dominic N.C. Tsang
EPI_ISL_540136, EPI_ISL_540420	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yuni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_540448	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Aresi, Emmanuel André, Marc Van Ranst, Fabrice Bureau, Laurent Gillet, Wolter Coppeliers, Vincent Bours
EPI_ISL_540507, EPI_ISL_540565	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Aresi, Sébastien Bortems, Raphaël Boreux, Bouctra Boujemla, Céleste Meek, Axelle Chastelin, Céline Fombeilla-Lopez, Pierrette Mehn, Marie-Pierre Heyette, Vincent Bours
EPI_ISL_540892	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian, School of Biological Sciences, University of Edinburgh, Institute of Genomics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	Mchugh M, Dewar R, Rode S, Gallagher M, Balceza C, O'Toole A, Spath E, Hill Y, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_540901	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Burchley, Alexander Adams, Amy Gasikin, Bree Gatica-Wilcox, Jason Combes, Joel Souqigata, Lauren Gilbert, Lee Graham, Nicole Pascohan, Sara Kunzzen-Sumnerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Watkins, Sally Connor
EPI_ISL_540929, EPI_ISL_540959	Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru	Laboratorio de Genética Microbiana, Universidad Peruana Cayetano Heredia	Pablo Tsukayama, Alejandra Davila-Barclay, Luis González, Pedro E. Romero, Brenda Avizora, Janet Huancantrouque, Pool Marcos, Maribel Huaringa, Camila Castillo-Vilcahuamani, Guillermo Salvatierra
EPI_ISL_541082	The National Institute of Public Health	State Veterinary Institute Prague	Nagy A., Jimrova, H, Novakova, L., Trnka, D., Veeceva, J
EPI_ISL_541332, EPI_ISL_541333	The National Institute of Public Health	State Veterinary Institute Prague	Christian Beisel, Sarah Nadeau, Ivan Topolitsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Söthli, Ina Nissen, Natascia Santaroca, Elodie Burchlen, Christiane Beckmann, Maurice Redondo, Oliver Kobi, Christoph Noppin, Sophie Seidel, Nennine Santamaría de Souza, Nho Beerenwinktel, Tanja Stadler
EPI_ISL_541538	Viollier AG	Department of Biosystems Science and Engineering, ETH Zurich	Vidranovic, D., Tesovic, B., Knezevic, A., Jovanovic, T., Jankovic, M., Sekler, M., Banovic Djen, B., Volkening, J., Alonso, C., Petrovic, T., Poldar, V
EPI_ISL_541650, EPI_ISL_541653	Laboratory Diagnostic, Veterinary Specialized Institute Kraljevo	Laboratory Diagnostic, Veterinary Specialized Institute Kraljevo	Harper VanSteenhouse, Yuni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_541684, EPI_ISL_541715, EPI_ISL_541720, EPI_ISL_541751	National Institute of Virology, NIV Influenza	National Institute of Virology, NIV Influenza	Laura Perez-Lago, Maria Herranz, Jon Sicilia, Julia Suárez, Pilar Catalán, Patricia Muñoz, Dario Garcia de Viedra and SeqCOVID-SPAIN consortium
EPI_ISL_541807, EPI_ISL_541808	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yuni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_541868, EPI_ISL_541892, EPI_ISL_541906, EPI_ISL_541928, EPI_ISL_541936, EPI_ISL_541941	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium (BIV/COSIC)	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, David W. Bernard, James J. Davis, Maulik Shukla, Marcus Nguyen, Matthew Ojeda Saavedra, Concepcion C. Cantu, Prasanti Yerramilli, Layne Pruitt, Sisir S. Bhedi, Hung Che Kuo, Heather Hendrickson, Ghazalyn Ekander, Hoang A. T. Nguyen, J. Hunter Long, Muthiah Kumaraswami, Julie Gojke, Daniel Butz, Jimmy Gollfar, Jason S. McEllian, Chia-Wai Chou, Kamyab Javannardi, Ilya J. Finkelshten, and James M. Musser
EPI_ISL_544138, EPI_ISL_545484	Houston Methodist Hospital	Houston Methodist Hospital	Nagy A., Jimrova, H, Novakova, L., Trnka, D., Veeceva, J
EPI_ISL_547571	Hospital Municipal Antonio Gíglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547573	Vigilância em Saúde de Cajamar	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547574	Hospital Universitario da USP	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547575	SVO Jundiaí	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_546436, EPI_ISL_546935	The National Institute of Public Health	State Veterinary Institute Prague	Nagy A., Jimrova, H, Novakova, L., Trnka, D., Veeceva, J
EPI_ISL_547438, EPI_ISL_547436, EPI_ISL_547438, EPI_ISL_547444	Microbiology, Department of Pathology, St. Bernard's Hospital, Gibraltar Health Authority	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team, Dr Nicholas Cortes (Gibraltar), Charlotte Gilborn-Jones (Gibraltar)

EPI_ISL_547576	Secretaria Municipal de Saude	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547577	Hospital e Maternidade Nossa Senhora das Graças	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547578	Hospital Doutor Domingos Leonardo Cerávolo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547579	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547580	Santa Casa da Misericórdia de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_547849	Gundaresen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paracé A Kenny
EPI_ISL_547923, EPI_ISL_547942	Laboratório de Infecções Respiratórias Agudas Centro Nacional de Saúd Pública, Instituto Nacional de Saúd	Laboratório de Infecções Respiratórias Agudas Centro Nacional de Saúd Pública, Instituto Nacional de Saúd	Juscemayra E.
EPI_ISL_547977	LabTasis	Institute of Environmental Science and Research (ESR)	
EPI_ISL_547978, EPI_ISL_548021	LabPILLS	Institute of Environmental Science and Research (ESR)	
EPI_ISL_548067, EPI_ISL_548075	North Shore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Drnkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Ely, Mary Dalmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michele Bain, Sally Roberts, Sarah Jeliferes, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payne, Virginia Hope, Erasmus Smit, Lauren Jely, Olin Stlander, Joep de Light
EPI_ISL_548104	LabTasis	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Drnkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Ely, Mary Dalmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michele Bain, Sally Roberts, Sarah Jeliferes, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payne, Virginia Hope, Erasmus Smit, Lauren Jely, Olin Stlander, Joep de Light
EPI_ISL_548132	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Drnkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Ely, Mary Dalmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michele Bain, Sally Roberts, Sarah Jeliferes, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payne, Virginia Hope, Erasmus Smit, Lauren Jely, Olin Stlander, Joep de Light
EPI_ISL_548139, EPI_ISL_548140	Canterbury Health Laboratories	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Drnkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Ely, Mary Dalmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michele Bain, Sally Roberts, Sarah Jeliferes, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payne, Virginia Hope, Erasmus Smit, Lauren Jely, Olin Stlander, Joep de Light
EPI_ISL_548395	County of Santa Clara Public Health Department	Chan-Zuckerberg Biobub	Yaqub T. Nawaz, M. Alim A., Alati I., Raza S., Shabibr, M.A., Ashraf, M.A., Aziz, S.Z., Cheema, S.O., Shan, M.B., Hassana, S., Raffique, S., Sardar, N., Mehmood, A., Aziz, M.W., Fazal, S., Khan, N., Khan, M., Altiq, M.M., Asif, A., Anwar, M., Awan, N.A., Younis, M.U., Bhatti, M.A., Tahir, Z., Mukhtar, N., Sarwar, H., Rana, M.S., Shabibr, M.Z.
EPI_ISL_548942	Institute of Microbiology, University of Veterinary and Animal sciences	Institute of Microbiology, University of Veterinary and Animal sciences	Mak TM, Octavia S, Zhou Z, Cui L, Lin RTP
EPI_ISL_548974	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	
EPI_ISL_549043	Ostfold Hospital Trust - Kales, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Rasmus Flis Koppend, Hilde Synneve Volian, Karoline Bragstad, Olav Hugnres
EPI_ISL_549049, EPI_ISL_549064	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Rasmus Flis Koppend, Hilde Synneve Volian, Karoline Bragstad, Olav Hugnres
EPI_ISL_549092, EPI_ISL_549093	Ostfold Hospital Trust - Kales, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Rasmus Flis Koppend, Hilde Synneve Volian, Karoline Bragstad, Olav Hugnres
EPI_ISL_549173	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Rasmus Flis Koppend, Hilde Synneve Volian, Karoline Bragstad, Olav Hugnres
EPI_ISL_551213	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_551263	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_552664	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_552669, EPI_ISL_553980	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Alderley Park and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_556110	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Alderley Park and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_556126	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_557977	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Alderley Park and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_558681, EPI_ISL_558753	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Alderley Park, and Alex Aderton, Roberto Arato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)

EPI_ISL_559927	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/D department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Anygal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carriero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Catlad Evans
EPI_ISL_559995, EPI_ISL_560006	Oxford Viroemics, NDM, University of Oxford, Oxford University Hospitals, Baslington and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Goldschik, David Bonnell, George MacIntyre, Amy Trebes, Mariateresa de Cesare, Cathrín Moore, Alex Mobbs, Anita Justica, Robert Shaw, Monique Andersson, Timothy Peio, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Mallice Mori, Stephen Kidd, David Black, John Todd, Christophe Fraser
EPI_ISL_560401, EPI_ISL_560405	Virusus University Hospital Smaragos Mikikos, Virusus University	Institute of Biotechnology, Life Sciences Center, Vilnius University and Thermo Fisher Scientific	Justinas Sikas, Albertas Trimintas, Alma Gedvilaitė, Aurelijus Zvirblienas, Danieli Naumovas, Laimonas Girkščevičius, Ligita Janciorienė, Mirindaugas Paulauskas
EPI_ISL_560477	Voivler AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Beisel, Sarah Nadeau, Van Topolsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Schär, Ina Nissen, Natascia Santacrose, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamania de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_560600, EPI_ISL_560636, EPI_ISL_560645	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Sylvie Bevilhvi, Fabiana Garbato, Elienne Simon-Loriolle, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_560797	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Mat Plumb, Jacob Garfin, and Xiong Wang
EPI_ISL_560978	Universitätsklinikum Linköping	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lird Karlberg, Mattias Haukland, Reza Advari, Olov Svartström, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Bryting, Anna Håberg, Karin Tegmark-Wisell
EPI_ISL_560981	Capio St Gorans sjukhus	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lird Karlberg, Mattias Haukland, Reza Advari, Olov Svartström, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Bryting, Anna Håberg, Karin Tegmark-Wisell
EPI_ISL_560992	Karolinska universitetislaboratoriet SOLNA	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lird Karlberg, Mattias Haukland, Reza Advari, Olov Svartström, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Bryting, Anna Håberg, Karin Tegmark-Wisell
see above	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Abdul Karim sesay, Abdoulie Kanteh, Jarna Marneth, Mariana Kujaibi, Bakary Sanyang Seemann, T., Schultz M. B., Sait, M., Sherry, N.
EPI_ISL_561021, EPI_ISL_561034, EPI_ISL_561038, EPI_ISL_561040, EPI_ISL_561213, EPI_ISL_561238, EPI_ISL_561241, EPI_ISL_561283, EPI_ISL_561285, EPI_ISL_561288, EPI_ISL_561304	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	
EPI_ISL_563279, EPI_ISL_563296, EPI_ISL_563298, EPI_ISL_563348, EPI_ISL_563357, EPI_ISL_563736, EPI_ISL_564668	Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru	Laboratorio de Genómica Microbiana, Universidad Peruana Cayetano Heredia	Pablo Tsukayama, Alejandra Dávila-Barclay, Luis González, Pedro E. Romero, Brenda Ayzano, Janet Huancabonque, Pool Marcos, Mariel Huaringa, Filasiza A Yudiapurri, Edison Johar, Hidayat Triansanto, Iskandar A Adnan, Willy Augustine, David H Muljono, Safarina G Malik, Herwati Sudoyo, Khin Saw Myint, Amin Soebandiro
EPI_ISL_568518	RSLSP Farmawati	Elkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	
EPI_ISL_568690	KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi	KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi	
EPI_ISL_568725, EPI_ISL_568727, EPI_ISL_568764, EPI_ISL_568872	Malaysia Genome Institute	Malaysia Genome Institute	
EPI_ISL_568875	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	
EPI_ISL_569000, EPI_ISL_569100, EPI_ISL_569149	Ornsk Research Institute of Natural Focal Infections	WHO National Influenza Centre Russian Federation	Moid Noor Matlisa, Iri Sutaryu Sapten, Yusuf Muhammad Noor, Nurzeeren Md Iqbal, Mohd Fazel Abu Bakar, Eritza Kasim, Shamsida Sophie, Siti Noorain Othman, Azim Ahmad, Nor Azza Johari, Shantul Nisham Zahra Arifin
EPI_ISL_569738, EPI_ISL_569752, EPI_ISL_569768, EPI_ISL_569779, EPI_ISL_569836, EPI_ISL_569813, EPI_ISL_569819, EPI_ISL_569836, EPI_ISL_569843, EPI_ISL_569844	Uniy Health Toronto	Ontario Institute for Cancer Research	Atem Fadeev, Ekaterina Grudoboeva, Ekaterina Savkina, Daria Nasybatyeva, Elna Poyeshchuk, Aleksei Vasilenko, Valery Yakimenko, Andrey Komissarov
EPI_ISL_569966, EPI_ISL_569981, EPI_ISL_569993, EPI_ISL_569996, EPI_ISL_569998, EPI_ISL_570008	Uniy Health Toronto	Ontario Institute for Cancer Research	
EPI_ISL_572366, EPI_ISL_572371, EPI_ISL_572386	LAQEN/PE	Walaupun, Aggar Magalhães Institute	Ramzi Fatouh, Larissa M. Matukas, Yan Chen, Mark Downing, Tina Otieman, Karel Boissinot, Wai Sum Sit, Zhu Ci, Le Lu, Samira Mubareka, TIBDN, Ilina Lungu, Bernard Lam, Jeremy Johns, Paul Krzyzanski, Richard de Bora, Falcia Vincelli, Phillip Zuzarte, Jared T. Simpson
EPI_ISL_572397	Institute for Virology, University Hospital Duesseldorf, Medical Faculty, Heinrich-Heine-University Duesseldorf	Institute for Virology, University Hospital Duesseldorf, Medical Faculty, Heinrich-Heine-University Duesseldorf	Maximilian Damagge, Verena Keitel, Bjorn Jensen, Nadine Lukke, Lisa Müller, Philipp Oesemann, Tina Sarti, Onwiri Adams, Philipp Albrecht, Gerald Antoch, Johannes Bode, Edvin Bolke, Saskia Eiben, Torsten Feld, Johannes C. Fischer, Anselm Kunstein, Caroline Klindt, Alexander Klier, Tom Lütde, Annemarie Mohring, Jennifer Neubert, Heiner Schaal, Ansgar Schütz, Jörg Timm, Andreas Walker
EPI_ISL_573760	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Marcelo Henrique Santos Paiva, Dusepinka Ribeiro Duarte, Gaudes, Cassia Docena, Mathews Filgueira Bezerra, Filipe Zimmer, Deozidi, Laís Ceschini Machado, Larissa Krotkovsky, Elisama Helvecio, Alexandre Frieles da Silva, Luísdson Richardson, Silva Vasconcelos, Antonio Munro Bezerra, Jefferson Ribeiro da Silva, Kamila Gaudêncio da Silva Sales, Buira Santos, Lima Figueiredo de Sá, Derlenciano Lopes da Cruz, Claudio Eduardo Cavalcanti, Armando de Moraes Neto, Carolina Targino Alves da Silva, Renata Passa, Germano Mendes, Maria Aparecida Lopes da Silva, Tiago Gafá, Paola Cristina Resende, Gonzalo Bellón, Michelle da Silva Barros, Wilhelton Ricardo Correia do Nascimento, Rodrigo Moraes Lajo Andrade, Luciane Caroline Albuquerque Bezerra, Simval Pinho Barbedo Filho, Constância Flavia Junqueira Ayres, Gabriel Luiz Waihan
EPI_ISL_574431	Hospital IESS Babahoyo	Institute of Microbiology, Universidad San Francisco de Quito	Darren L Smith, Andrew Nelson, Matthew Bashiron, Gagg R Young, Joshua Loh, John Allan, Mohammad A Tarif, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggell, Sarah Essex, Jane Greenaway, Debra Padgett, Olive Graham, Garen Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yvst Tana, Gary Ellingham
EPI_ISL_574519	National Public Health Laboratory, National Centre for Infectious Diseases	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angeli Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gatica Wilcox, Jason Combes, Joel Sounjigale, Lauren Gilbert, Lee Graham, Nicole Paschiani, Sara Kunzense-Sumnerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Walkins, Sally Corden, Tom Connor
EPI_ISL_574594	Hospital Escola da Universidade de Trubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Belen Prado-Vivar, Sully Matquez, Juan José Guadalupe, Monica Becerra-Wong, Fernanda Zurita, Bernardo Gutiérrez, Francisco Cordova, Nina Henriquez, Kellen Briones-Zamora, Kellen Briones-Claudette, Verónica Baragán, Patricia Rojas-Silva, Gabriela Trueta, Michelle Grünauer, Paul Cadenas
EPI_ISL_574596	CS II Dr. Antonio Vicoso Moreira de Rezende Sumare	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Tae Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tze Pin Lin
EPI_ISL_574597	Secretaria Municipal de Saude de Jarnu	Instituto Adolfo Lutz, Interdisciplinary Procedures Center,	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_574598	Service de Verificação de Ohio SVO	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_574612	RS Hemina Mekarsari	Elkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Filialita A Yudhapurini, Edison Johar, Hidayat Trimarsanto, Iskandar A Adnan, Willy Augustine, David H Mujiono, Safarina G Malik, Herawati Sudoyo, Khin Saw Myint, Amin Soebandrio
EPI_ISL_574616	RS Kramat 128	Elkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Filialita A Yudhapurini, Edison Johar, Hidayat Trimarsanto, Iskandar A Adnan, Willy Augustine, David H Mujiono, Safarina G Malik, Herawati Sudoyo, Khin Saw Myint, Amin Soebandrio
EPI_ISL_574660	Seattle Flu Study	Seattle Flu Study	Deborah A Nickerson, Chris D. Frazer, Jozer Lee, Benjamin Paley, Matthew Richardson, Amanda Adler, Elisabeth Bandstetter, Peter D. Han, Karsten Fay, Misja Ijssin, Krisnan Lacombe, Thomas R. Shiley, Melissa Truong, Caitlin R. Wolf, Karen Conwell, Stephanie Scriba, Jeff Duchin, Michael Beach, Janet A. Englund, Michael Fulmire, Barry R. Lutz, Mark J. Rieder, Lea M. Starik, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_575331	RSUD Wates	Genetics Working Group (Pojka Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahlia World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	Wibawa, Dwi AA Nugrahainingsih, Alahayati, Suswanto, Krisdy Anggorwati, Riki, Endah Supriyati, Eggi Arguni, Tiki Nurjastuti, Tri Wibawa, Dwi AA Nugrahainingsih, Alahayati, Suswanto, Krisdy Iskandari, Nungki Anggorwati, Bastiano Kusumajaya, Zurnali Ahmad, Awin S. Kalim, Susan Simanjaya
EPI_ISL_575332	Israel Central Virology Laboratory	Genetics Working Group (Pojka Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahlia World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	Neia Zuckerman, Efrat Dahan Bueis, Oran Estler, Eila Merdelson, Michal Mandelboim
EPI_ISL_576115	RSUP Dr. Sardjito	Department of Respiratory and Other Viral Infections of L. V. Gornashinsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Gunadi, Herda Wibawa, Marcellus, Mohamad S. Hakim, Edwin W. Damwijaya, Luthiang P. Rizki, Endah Supriyati, Eggi Arguni, Tiki Nurjastuti, Tri Wibawa, Dwi AA Nugrahainingsih, Alahayati, Suswanto, Krisdy Anggorwati, Ika Trisnawati, Rati El Khrir, Yunka Puspadewi, Osman Stampar, Umi Salekiah Intansari, Elizabeth Henry Henningsyas, Ira Puspitawati, Nur Irma Falmah Harahap, Untung Wirawan, Maria Patricia Ingriani
EPI_ISL_576259	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Department of Respiratory and Other Viral Infections of L. V. Gornashinsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Alla Mironenko, Ihor Kravchuk, Ludmyla Bolotova, Larysa Radchenko, Natalia Tereluk
EPI_ISL_576289	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Department of Respiratory and Other Viral Infections of L. V. Gornashinsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Brazzo M., Madeddu, S., Santoro, F., Pirzanti, D.
EPI_ISL_576278	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Department of Respiratory and Other Viral Infections of L. V. Gornashinsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Gisela Barrera-Badillo, April Rodriguez-Maldonado, Claudia Wong-Arambula, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayarina Arellano-Suarez, Fabiola Carces-Ayala, Edgar Mendez-Cordado, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez,
EPI_ISL_576558	UW Virology Lab	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Enesio Ramirez-Gonzalez, April Rodriguez-Maldonado, Claudia Wong-Arambula, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayarina Arellano-Suarez, Adnan Ariza-Rodriguez, Fabiola Carces-Ayala, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Gisela Barrera-Badillo,
EPI_ISL_577697	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Ernesto Ramirez-Gonzalez, April Rodriguez-Maldonado, Claudia Wong-Arambula, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayarina Arellano-Suarez, Adnan Ariza-Rodriguez, Edgar Mendez-Cordado, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Gisela Barrera-Badillo,
EPI_ISL_577697	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	UW Virology Lab	Pavitra Roychowdhury, Hong Xie, Laszlo Shrestha, Amin Adetula, Victoria M Racheli, Meeli-Li Huang, Keith R Jerome, Alexander Greeninger
EPI_ISL_577727	The National Institute of Public Health	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Rawlinson, W., Bull, R., Davison, I.
EPI_ISL_577734	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Nagy A., Jirincova, H., Novakova, L., Trnka, D., Vecerova, J.
EPI_ISL_577739	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	NIV Influenza	Poddar, V
EPI_ISL_577740	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktoria Hodorová, Kristína Boršová, Bora Bjeļová, Viktória abanová, Dominika Fírová, Sabina Furnaová Havlíková, Juraĭ Kopaĭek, Martina Liková, ubomira Lukáĭková, Viktória Hodorová, Bora Bjeļová, Viktória abanová, Dominika Fírová, Sabina Furnaová Havlíková, Juraĭ Kopaĭek, Martina Liková, ubomira Lukáĭková, Martina Nebořáĭová, Monika Slávková, Edita Starová, Elena Tráňá, Tomáš Vína, Boris Klempa, Jozer Nosek
EPI_ISL_577901	Dutch COVID-19 response team	Faculty of Natural Sciences, Comenius University, Bratislava	Bora Bjeļová, Viktória Hodorová, Viktória abanová, Dominika Fírová, Sabina Furnaová Havlíková, Juraĭ Kopaĭek, Martina Liková, ubomira Lukáĭková, Martina Nebořáĭová, Monika Slávková, Edita Starová, Elena Tráňá, Tomáš Vína, Boris Klempa, Jozer Nosek
EPI_ISL_577901	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkena, David Nieuwenhuijse, Irina Cheshtakova, Anne van der Linden, Marian Boter, Emmanuela Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Wolterkamp, Marlon Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_578188	Hospital Virgen de las Nieves	Instituto de Salud Carlos III	Iglesias-Caballero, M. Molinero Calamita, M. González-Esquerillas M. Camarero, S. Pozo, F. Casasa, I. Jimenez, P. Jimenez, Z. Zaballo, A. Morzon, S. Varona, S. Jullá, M. Cuesta, I. JM Navarro
EPI_ISL_578304	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Suzie Coughlan, Cillian F De Gascon
EPI_ISL_579116	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammed Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Dinkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherman, Julia Howard, Juliet Ely, Mary DeAlmeida, Matt Blakston, Matthew Rogers, Max Bloomfield, Michael Addie, Michelle Bain, Sally Roberts, Sarah Jelifreres, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payle, Virginia Hope, Erasmus Smit, Lauren Jilly, Olin Stander, Joep de Light
EPI_ISL_579422	LabTests	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammed Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Dinkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherman, Julia Howard, Juliet Ely, Mary DeAlmeida, Matt Blakston, Matthew Rogers, Max Bloomfield, Michael Addie, Michelle Bain, Sally Roberts, Sarah Jelifreres, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payle, Virginia Hope, Erasmus Smit, Lauren Jilly, Olin Stander, Joep de Light
EPI_ISL_579425	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammed Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Dinkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherman, Julia Howard, Juliet Ely, Mary DeAlmeida, Matt Blakston, Matthew Rogers, Max Bloomfield, Michael Addie, Michelle Bain, Sally Roberts, Sarah Jelifreres, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payle, Virginia Hope, Erasmus Smit, Lauren Jilly, Olin Stander, Joep de Light
EPI_ISL_579426	Canterbury Health Laboratories	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammed Faisal, Jing Wang, Hernes Perez, Anja Werno, Antje van der Linden, Ario Upton, Chris Mansell, David Hammer, Dragana Dinkovic, Gary McAuliffe, Hana Sofia Andersson, James Usher, Jill Sherman, Julia Howard, Juliet Ely, Mary DeAlmeida, Matt Blakston, Matthew Rogers, Max Bloomfield, Michael Addie, Michelle Bain, Sally Roberts, Sarah Jelifreres, Sharnni Muliyil, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathiyendran, Veronica Payle, Virginia Hope, Erasmus Smit, Lauren Jilly, Olin Stander, Joep de Light

EPI_ISL_579768	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Happer VanSteenhouse, Yuni Kasali, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_561103, EPI_ISL_561106	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_581489, EPI_ISL_581491, EPI_ISL_581492	Fondation Comptelise pour la recherche medicale (FCRM)	NCS Competence Center Thüringen, Institut für Medizinische Mikrobiologie und Hygiene, Universitätsklinikum Tübingen	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meax, Perrine Meil, Marie-Pierre Hayette, Vincent Bours
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EPI_ISL_581891, EPI_ISL_581907, EPI_ISL_581922, EPI_ISL_581929, EPI_ISL_581965	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Nihad Al-Faheki, Danilo Leao, Sreejith Rajasekharan, Simeone Dal Negro, Alessandro Marcello
EPI_ISL_582030	Biology Department, College of Science, Al-Muthanna University	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARCO Open Lab Platform	Szymon Hryniewicz, Adam Usaszewski, Marta Kaczmarek-Ry, Emilia Lis, Eva Zirkwicz, Micha Witt, Andrzej Pawski
EPI_ISL_582031	Institute of Human Genetics, Polish Academy of Sciences	Institute of Human Genetics, Polish Academy of Sciences	Gustavo Cilia, Milagrosa Montes, Luis Pheiro, Jose Maria Marinon and SeqCOVID-SPAIN consortium
EPI_ISL_582053, EPI_ISL_582064, EPI_ISL_582077	Servicio de Microbiología, Hospital Universitario Donostia, OSI Donostialdea, Area de Enfermedades Infecciosas, Grupo de Infección Respiratoria y Resistencia Antimicrobiana, Instituto de Investigación Sanitaria Biodonostia	SeqCOVID-SPAIN consortium/IBV(CSIC)	Antonin Bal, Gregory Desistas, Gwerddolynne Burff, Hadrien Regue, Alexandre Gaynard, Maude Bousecambeert-Duchamp, Florence Morfin-Sierpa, Marinne Valère, Bruno Lina, Laurence Jossel
EPI_ISL_582122	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Mohd Noor Matisa, Iri Suhayu Sapian, Yusuf Muhammad Noor, Nurzezen Md Iqbal, Mohd Faizal Abu Bakar, Enizza Kasim, Shamsidar Sogpe, Siti Norani Ohman, Azrin Ahmad, Nor Azla Johari, Shahnul Hisham Zainal Arifin
EPI_ISL_582124	Malaysia Genome Institute	Malaysia Genome Institute	Philippe Sehnorst, Colin Anthony
EPI_ISL_582129	Antwerp University Hospital	Institute of Tropical Medicine	Anna Majer, Shari Tyson, Grace Seo, Phillip Mabon, Elise Grudecki, Rihannon Huzzarwech, Russell Mandes, Annalese Landgraf, Jennifer Tanner, Natalie Knox, Meng Gaham, Gary Van Dorsselaer, Paul Van Cassele, Jared Bullard, David Alexander, Kerry Durr, Nathalie Bastien, Yanli Li, Timothy Booth, Darian Hole, Madison Chapel, CarCOG&N's metadata curation team, Public Health Agency of Canada CarCOG&N team
EPI_ISL_582263, EPI_ISL_582314, EPI_ISL_582321, EPI_ISL_582431, EPI_ISL_582437, EPI_ISL_582477	Cadnam Provincial Laboratory	National Microbiology Laboratory (NML)	Anna-Malin Linde, Maria Lind Karlberg, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582642, EPI_ISL_582659, EPI_ISL_582662, EPI_ISL_582674, EPI_ISL_582679	Sheikh Khalifa Medical City	Molecular/Surveillance lab Sheikh Khalifa Medical City	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582784	Uppsala klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582795	Umeåns Eskilstuna	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582805	Hälsnätet Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582808	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_582836	Klinisk mikrobiologi Västernorrland	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svarstom, Oskar Karlsson Lindso, Sandra Brodesson, Petra Edquist, Mia Byrting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_5834481, EPI_ISL_583465	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viklória Hodorová, Kristína Boršová, Boja Bielejová, Viktória Šabanová, Dominika Fliová, Sabina Fumurová Havliková, Juriel Kožáček, Martina Liková, ubomira Lukalčková, Martina Nebořilová, Monika Slavíková, Edita Staroňová, Elena Trná, Tomáš Vnía, Jozef Nosek, Boris Klengpa
EPI_ISL_583495	Servico de Verificação de Óbitos SVO Guanulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Bratislava	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583496	UFA Jandira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583497	Complexo Hospitalar Ouro Verde de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583498	Hospital Municipal Dr. Waldemar Tebaldi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583499	Distrito Santiano Sul Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583500	Centro de Saude I Tacio Leite de Carvalho e Silva	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583502	Sav de Vig Sanitaria Epidemio e CTFL de Zoonoses Guanaju	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583503	CTA Centro de Testagem e Acompanhamento	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583504, EPI_ISL_583505	Casa de Saude Stela Maris	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_583657, EPI_ISL_583666	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CAMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa, Benedikt Agerer, Henrike Colaco, Lukas Erdler, Jakob Wendelin Genger, Alexander Lercher, Mark Smyth, Thomas Penz, Michael Schuster, Jan Laine, Martin Senekowitsch, Judith Aberle, Stephan Aberle, Peter Hünig, Daniela Schmid, Franz Aliebringer, Elisabeth Puchhammer-Schoeck, Manfred Haiz, Guenter Weiss, Gregor Hörmann, Kinga Rigler-Horvathar, Rainer Gättinger, Wegene Borena, Dorothee von Laer, Gernot Walder, Peter Ogris, Christian Paar, Sabine Susztik-Rack, Gunther Vogl, Adi Steirniggl, Christoph Bock, Andreas Bergthaler
EPI_ISL_583693, EPI_ISL_583710	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CAMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa, Benedikt Agerer, Henrike Colaco, Lukas Erdler, Jakob Wendelin Genger, Alexander Lercher, Mark Smyth, Thomas Penz, Michael Schuster, Jan Laine, Martin Senekowitsch, Judith Aberle, Stephan Aberle, Peter Hünig, Daniela Schmid, Franz Aliebringer, Elisabeth Puchhammer-Schoeck, Manfred Haiz, Guenter Weiss, Gregor Hörmann, Kinga Rigler-Horvathar, Rainer Gättinger, Wegene Borena, Dorothee von Laer, Gernot Walder, Peter Ogris, Christian Paar, Sabine Susztik-Rack, Gunther Vogl, Adi Steirniggl, Christoph Bock, Andreas Bergthaler
EPI_ISL_583847	Dr. Gernot Walder GmbH	Bergthaler laboratory, CAMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa, Benedikt Agerer, Henrike Colaco, Lukas Erdler, Jakob Wendelin Genger, Alexander Lercher, Mark Smyth, Thomas Penz, Michael Schuster, Jan Laine, Martin Senekowitsch, Judith Aberle, Stephan Aberle, Peter Hünig, Daniela Schmid, Franz Aliebringer, Elisabeth Puchhammer-Schoeck, Manfred Haiz, Guenter Weiss, Gregor Hörmann, Kinga Rigler-Horvathar, Rainer Gättinger, Wegene Borena, Dorothee von Laer, Gernot Walder, Peter Ogris, Christian Paar, Sabine Susztik-Rack, Gunther Vogl, Adi Steirniggl, Christoph Bock, Andreas Bergthaler

EPI_ISL_583883, EPI_ISL_583885, EPI_ISL_583887	Austrian Agency for Health and Food Safety (AGES)	Berghofer laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa, Benedikt Agerer, Henrique Colaco, Lukasz Erdler, Jakob Wendelin Genger, Alexander Leichter, Mark Smyth, Thomas Parz, Michael Schuster, Jan Larng, Martin Senekowitsch, Judith Aeberle, Siglufn Abenie, Peter Hünigsi, Daniela Schmid, Franz Althuberger, Elisabeth Puchhammer-Schoeck, Manfred Haas, Guenter Hofmann, Kriega Rigler-Hohemayer, Rainer Gaitsinger, Weygna Borena, Dorothee von Laer, Gernot Walder, Peter Ogris, Christian Pass, Sabine Sussitz-Hack, Günther Vogl, Adi Sternrigl, Christoph Bock, Andreas Bergthaler
EPI_ISL_583956	UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotechnologie Mediche	Maria Grazia Cusi, David Prinzauti, Claudia Gandolfo, Gabriele Anchini, Gianni Pazzi, Francesco Santoro
EPI_ISL_584072	IZSM	IZSM	Maurizio Viscardi, Lorenza Cardillo, Giovanna Fusco
EPI_ISL_584073, EPI_ISL_584076	The National Institute of Public Health	State Veterinary Institute Prague	Nagy A.,Yilmova,H,Novakova,L.,Trnka,D,Veevorova,J
EPI_ISL_585196, EPI_ISL_585223, EPI_ISL_585247	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feevery, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Farley
EPI_ISL_586016	Wales Specialist Virology Centre Sequencing Lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gilford, Malorie Parry, Simon Cottrell, Angela Marchbank, Aye Birchler, Alexander Adams, Amy Gaskin, Brie Gatica-Wilcox, Jason Combes, Joel Southgate, Leonie Gilbert, Lee Graham, Nicola Paschiani, Sara Kunzruss-Summerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_586320	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Parlyk Aftanas, Hooman Derakhtshani, Emily Panoussi, Ahmed Drata, Jalees Nasir, Michael Surete, Samira Mbaraka, Andrew G. McArthur
EPI_ISL_587074	Lighthouse Lab in Alderley Park	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Arana, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_589954, EPI_ISL_590489, EPI_ISL_590667	Lighthouse Lab in Glasgow	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Happel VansSteenhoven, Yumi Kasai, David Gray, Carol Oulsgaard, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_590336	Institute of Medical Virology, University of Zurich	Institute of Medical Virology, University of Zurich	Marie O. Pohl, Idoia Busnadiego, Verena Kulmer, Stefan Schmutz, Marlyam Zaheri, Irene Abela, Alexandra Trkola, Michael Huber, Silke Stertz, Benjamin G. Hale
EPI_ISL_590388	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eisthaug, Rasmus Rits Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_590908	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eisthaug, Rasmus Rits Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_590997, EPI_ISL_591004	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eisthaug, Rasmus Rits Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_591011	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eisthaug, Rasmus Rits Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_591086	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Placide Mbalakingebani, Edith Nkwembe, Eddy Kingonda-Lusamaki, Amuri Aziza, Francisca Nkwembe Mawete, Emmanuel Lolito Lofico, Jean Claude Makengara, Catherine Prati, Mathias Pauther, Josh Clark, Allison Black, James Hatfield, Trevor Bedford, Ian Goodfellow, Andrew Rambaut, Nick Loman, Kristian Andersen, Michael Wiley, Steve Altmann/Widhele, Jean-Jacques Muyembe Tshumu
EPI_ISL_591186	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Parlyk Aftanas, Hooman Derakhtshani, Emily Panoussi, Ahmed Drata, Jalees Nasir, Michael Surete, Samira Mbaraka, Andrew G. McArthur
EPI_ISL_591270	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Huijia Ma, Zhaoguo Wang, Xiang Zhao, Jun Han, Yong Zhang, Hong Wang, Gao Chen, Ji Wang, Jingdong Song, Yao Meng, Yuchao Wu, Zhixiao Chen, Dayan Wang, Riqun Gao, George F. Cao, Wendu Xu
EPI_ISL_591500	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research, Westmead Hospital, University of Sydney	Gaggero A, Valente F, Gaete A, Travasny D, Palma R, Ura C, Varas M, Aliende ML, Maass A, Gonzalez M, Ferras M, Valente F, Gaete A, Travasny D, Palma R, Ura C, Varas M, Aliende ML, Maass A, Gonzalez M, Ferras M, Seemann T., Schultz, M. B., Sait, M., Sherry, N
EPI_ISL_591523, EPI_ISL_591528, EPI_ISL_591530	Medicina Norte U Chile - Servicio Medico Legal	Center for Mathematical Modeling and Center for Genome Regulation, Santiago, Chile	
EPI_ISL_591531	Laboratorio de Infeccologia y Virologia molecular	Center for Mathematical Modeling and Center for Genome Regulation, Santiago, Chile	
EPI_ISL_593018, EPI_ISL_593218	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	
EPI_ISL_593538	Eastern Ontario Regional Laboratory Association	McMaster University	Leanne Morimer, Hooman Derakhtshani, Emily Panoussi, Ahmed Drata, Jalees Nasir, Robert Singer, Andrew G. McArthur
EPI_ISL_593857, EPI_ISL_593870, EPI_ISL_593880, EPI_ISL_593893, EPI_ISL_593896	CHU Purpan - Laboratoire de Virologie - Institut Fédéral de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédéral de Biologie	Labour J., Ronger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremoux P., Izopel J.
EPI_ISL_594158, EPI_ISL_594159	Israel Institute for Biological Research	Israel Institute for Biological Research	Galia Zaid, Inbar Cohen-Gillon, Ofir Israeli, Dana Stern, Shay Weiss, Chiv Lasker, Yoav Gal, Libby Weiss, Emanuelle Mamoud, Adi Beh-Din and Anat Zvi
EPI_ISL_594188	Department of Pathology, School of Medicine, Imam Khomeini Hospital, Tehran University of Medical Sciences	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Zohreh Farahi, Marziyei Mojtabi, Khatolaj Jalalvand, Azam Ghazizadeh, Seydeh eilham Morfazay, Ali Jafarpour, Azar Haddad, Alireza Abolmohamdi, Ali Jafarpour, Azam Ghazizadeh, Seydeh eilham Morfazay, Saber Soltani, Reza Najafpour, Krima Kahrizi, SeyedMohammad Jazayeri, Hossain Najmabadi
EPI_ISL_594346	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	
EPI_ISL_594828	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balceca C, O'Toole A, Seher E, Hill V, McCorne JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_596230	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko
EPI_ISL_596254	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko
EPI_ISL_596267	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko
EPI_ISL_596280	HELIX LCC	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Nadezhda Kuznetsova, Elena Shchegoleva, Elizaveta Dvornog, Ekaterina Malyshenko, Kirill Krasnozlobovets, Evgeniya Mukasheva, Anna Ignatyeva, Svetlana Truspekova, Aleksey Storchennin, Maria Nikitrova, Andrey Pochinov, Valeria Baschin, Evgeny Usachev, Olga Buragova, Ludmila Kobokhina, Svetlana Smechenna, Elena Barseva, Artem Tschuk, Vladimir Gashchin, Alexander Gintsburg
EPI_ISL_596334	Pathogenic Microorganisms Variability Laboratory	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko
EPI_ISL_596353	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	

EPI_ISL_596449	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamal K, Mohd-Zawawi Z, Thayyan R
EPI_ISL_596451	Department of Pathology, School of Medicine, Imam Khomeini Hospital, Tehran University of Medical Sciences	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Zohreh Fattahi, Marziye Morseini, Khadijeh Jalilvand, Azam Ghazasadi, Seydeh elham Morfrazavi, Ali Jafarpour, Azam Ghazasadi, Seydeh elham Morfrazavi, Sabar Soltani, Peza Najafpour, Krinia Kahrizi, Seyad Mohammad Jazayeri, Hossain Najmabadi
EPI_ISL_596462	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Te Wilm Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_596507	Lighthouse Lab in Milton Keynes	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Alerton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Hillier on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_596528	Palestinian Ministry of Health	Molecular Genetics Lab	Enilio Margolis-Clark, PhD and Phillip Ruiz, MD, PhD
EPI_ISL_601762	University of Miami Immunology and Histocompatibility Laboratory	University of Miami Immunology and Histocompatibility Laboratory	Andrey Komissarov, Artem Fadeev, Kseniya Komisarova, Anna Ivanova, Dmitry Bazhenov, Daria Danilenko
EPI_ISL_602310	HELIX LLC	WHO National Influenza Centre Russian Federation	Chandana leewardara, Deshni Jayatilaka, Dinuka Aiyaratne, Dyanath Pranasinghe, Lakshri Gomes, Ananda Wijewickrama, Malika Karunaratne, Chandani J. Pillay S. Lessells R, Mdilose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_602444	Centre for Dengue Research, Department of Immunology and Molecular Medicine	Centre for Dengue Research	Matt Purnb, Jacob Garfin, Alexandra Lorenz, and Xiong Wang
EPI_ISL_602564	NHL-S-ILCH	KRISPP, KZN Research Innovation and Sequencing Platform	
EPI_ISL_602659	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	
EPI_ISL_602840	Pronto Socorro Dr. Conrado Cesario Nuvolini	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603011	Departamento de Vigilância à Saúde	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603021	Vigilância em Saúde Visa Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603022	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603023	UPA Central de Caraguatatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603024	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603025	Santa Casa de Misericórdia de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603026	Santa Casa de Misericórdia de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603027	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603028	Hospital Municipal Santa Ana	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603029	Hospital Municipal Mário Gatti	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603030	Hospital Domingos Leonardo Ceravolo Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603031	Santa Casa de Presidente Epitácio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603032	Santa Casa de Misericórdia de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603033	Vigilância Epidemiológica de São Bernardo do Campo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603034	Departamento de Vigilância à Saúde	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603035	Secretaria Municipal de Saúde	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603036	Hospital Santa Ana	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603037	Hospital Geral de Pedreira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603038	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603039	Hospital Municipal Mário Gatti	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_603140	NIMI Lazzaro Spallanzani IRCCS	NIMI Lazzaro Spallanzani IRCCS	Martina Rueca, Cesare E.M. Gruber, Francesco Messina, Barbara Bartolini, Emanuela Giombini, Simone Lanini, Antonio Di Caro, Maria R. Capobianchi
EPI_ISL_603157	NIMI Lazzaro Spallanzani IRCCS	NIMI Lazzaro Spallanzani IRCCS	Francesco Messina, Martina Rueca, Barbara Bartolini, Cesare E.M. Gruber, Simone Lanini, Emanuela Giombini, Fulvia Pimpinelli, Antonino Di Caro, Maria R. Capobianchi
EPI_ISL_603170	NIMI Lazzaro Spallanzani IRCCS	NIMI Lazzaro Spallanzani IRCCS	Martina Rueca, Barbara Bartolini, Cesare E.M. Gruber, Francesco Messina, Simone Lanini, Emanuela Giombini, Maria R. Capobianchi, Antonino Di Caro
EPI_ISL_603179	NIMI Lazzaro Spallanzani IRCCS	NIMI Lazzaro Spallanzani IRCCS	Cesare E.M. Gruber, Barbara Bartolini, Francesco Messina, Martina Rueca, Emanuela Giombini, Simone Lanini, Antonino Di Caro, Maria R. Capobianchi
EPI_ISL_603183	NIMI Lazzaro Spallanzani IRCCS	NIMI Lazzaro Spallanzani IRCCS	Barbara Bartolini, Francesco Messina, Martina Rueca, Cesare E.M. Gruber, Emanuela Giombini, Simone Lanini, Maria R. Capobianchi, Antonino Di Caro
EPI_ISL_603221	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCISIR	Abu Sayeed Mohammad Mahmud, Mohammad Samir, Uzzeam, Eshtar Osman, Md. Ahasan Habib, Shajha Ather, Tanjina Akther Banu, Md. Mursheed Hasan Sarkar, Barna Goswami, Ifrat Idrisi, Md. Saddam Hossain, Tasnim Hafisa, Mki, Maruf Ahmed Molla, Meemuda Yasmin, Assih Kumar Ghosh, A. K. M. Shamsuzzaman, Monira Parveen, Mki, Masum Hossain Arif, Mki, Salim Khan

EPI_ISL_603241	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Tarjina Akhter Baru, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Ezzar Osman, Md. Ahasan Habib, Shahina Akter, Md. Muhsin Hasan Sarkar, Bama Goswami, Ifrat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molia, Mahmuda Yasmin, Ashik Kumar Ghosh, A. K. M. Shamsuzzaman, Monira Parveen, Md. Masum Hossain Arif, Md. Salim Khan
EPI_ISL_603246	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Saddam Hossain, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Ezzar Osman, Md. Ahasan Habib, Shahina Akter, Tarjina Akhter Baru, Md. Muhsin Hasan Sarkar, Bama Goswami, Ifrat Jahan, Tasnim Nafisa, Md. Maruf Ahmed Molia, Mahmuda Yasmin, Ashik Kumar Ghosh, A. K. M. Shamsuzzaman, Monira Parveen, Md. Masum Hossain Arif, Md. Salim Khan
EPI_ISL_603328, EPI_ISL_603365, EPI_ISL_603429, EPI_ISL_603627	Viollier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Baisel, Sarah Nadeau, Ivan Topolitsky, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Sotir, Ima Nissen, Natascia Santaroca, Elodie Burchlen, Christiane Beckmann, Maurice Rodondo, Olivier Kobi, Christoph Noppa, Sophie Sadel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_605400	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly Oakeson, Tara Gallagher, Michael T. Pyne, E. Susan Sloceta, Melanie A. Melroy, Jeffrey B. Stevenson, Salka M. Shakir, David R. Hillyard
EPI_ISL_605783	Genome Center	Genome Center	Md. Shazid Hasan, Hassam M. Al-Emran, Ovinu Kripa Islam, A.S. M. Rubayet, Ud. Alam, Selina Akter, Shireen Nigar, Md. Tanvir Islam, Prayas Chandra Roy, Shiron Lal Sarkar, Najmuj Sakta, S. M. Tanjil Shah, Md. Iqbal Kabir Jaid, Md. Avwar Hossain
EPI_ISL_605818, EPI_ISL_605819	National Public Health Laboratory, National Centre for Infectious Diseases PathWest Laboratory Medicine WA	National Public Health Laboratory, National Centre for Infectious Diseases PathWest Laboratory Medicine WA Microbial Surveillance Unit	Tze Winn Mak, Sophie Octavia, Zhenyang Zhou, Lin Qui, Raymond Tze Pin Lin
EPI_ISL_605914	NGS Lab, DNA SOLUTION LTD.	NGS Lab, DNA SOLUTION LTD.	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EPI_ISL_606900	Lighthouse Lab in Milton Keynes	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Khan, M.I., Hasan, K.N., Surfan, A., Ahsen, M.B., Khaleque, A., Rahman, M., Chowdhury, M., Haider, H.U., Razu, M.H., Khan, M., Rabi, M.F.A.
EPI_ISL_609178	Lighthouse Lab in Glasgow	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_609820, EPI_ISL_609821	Unity Health Toronto	Ontario Institute for Cancer Research	Harper VanSteenhoven, Yurni Kasali, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_609889	INMIL Lazzaro Spallanzani IRCCS	INMIL Lazzaro Spallanzani IRCCS	Ramzi Fatouh, Larissa M. Matukas, Yan Chen, Mark Downing, Tina Otieman, Karel Bosisinot, Wai Sum Siu, Zhi Cui, Le Liu, Samira Mubareka, TIBDN, Ilinca Lungu, Bernard Lam, Jeremy Johns, Paul Krzyzanoski, Richard de Borja, Felicia Vincelli, Phillip Zuzarte, Jared T. Simpson
EPI_ISL_609993	INMIL Lazzaro Spallanzani IRCCS	INMIL Lazzaro Spallanzani IRCCS	C.E.M Gruber, B. Bartolini, M. Rucca, F. Messina, E. Giombini, A. Di Caro, MR Capobianchi
EPI_ISL_609994	INMIL Lazzaro Spallanzani IRCCS	INMIL Lazzaro Spallanzani IRCCS	E Giombini, M. Rucca, B. Bartolini, C.E.M Gruber, F. Messina, A. Di Caro, MR Capobianchi
EPI_ISL_609998	INMIL Lazzaro Spallanzani IRCCS	INMIL Lazzaro Spallanzani IRCCS	C.E.M Gruber, F. Messina, M. Rucca, B. Bartolini, MR Capobianchi, A. Di Caro
EPI_ISL_610062	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	F. Messina, B. Bartolini, M. Rucca, C.E.M Gruber, E. Giombini, A. Di Caro, MR Capobianchi
EPI_ISL_610154	Singapore General Hospital	Department of Microbiology	Valesano
EPI_ISL_610160	Washington University in St. Louis	Washington University in St. Louis	Nurdyana Abdul Rahman, Kun Lee Lim, Chenhao Li, Sui Sin Goh, Kenneth Xin Long Chan, Kian Sing Chan, Lynette Oon, Kem Pei Chng, Niranjan Nagajalan, Karrie Ho
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EPI_ISL_610182, EPI_ISL_610194, EPI_ISL_610198, EPI_ISL_610199, EPI_ISL_610205, EPI_ISL_610209, EPI_ISL_610213, EPI_ISL_610217, EPI_ISL_610218, EPI_ISL_610224	Department of Health Technology and Informatics, The Hong Kong Polytechnic University	Department of Health Technology and Informatics, The Hong Kong Polytechnic University	Gunadi, Hendia Wibawa, Marcellus Mohamad S. Hakim, Edwin W. Darmilajaya, Luchang P. Rizki, Erdah Supriyati, Eggi Arguni, Tikik Nuyestuti, Tri Wibawa, Dwi AA Nugrahainingsih, Altiyati, Siswanto, Krisy Iskandar, Nungki Arvorgowati, Irene, Indaryati, Havd Seyawan, Wuryanto, Susana Smanajaya, Alvin Santoso Kalim
EPI_ISL_611422	Lighthouse Lab in Glasgow	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Su, G.K.-H., Lee, L.-K., Leung, K.S.-S., Leung, U.S.-L., Ng, T.-L., Chan, C.T.-M., Tam, K.K.-G., Lao, H.-Y., Wu, A.K.-L., Yau, M.C.-Y., Lai, Y.W.-M., Fung, K.S.-C., Chau, S.K.-Y., Wong, B.K.-C., To, W.-K., Luk, K., Ho, A.Y.-M., Que, T.-L., Yip, K.-T., Yam, W.C., Shum, D.H.-K., Yip, S.P.
EPI_ISL_612702	Wales Specialist Virology Centre Sequencing Lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhoven, Yurni Kasali, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EPI_ISL_613457	QUARANTINE CAMP	Hong Kong Department of Health	Catherine Moore, Johnathan Evans, Laura Gifford, Maljoie Perry, Simon Cortiell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaslin, Bree Gaites Wilcox, Jason Coombes, Joel Soutigante, Lauren Gilbert, Lea Graham, Nicole Facchiari, Sara Kunzrzen-Sommerhayes, Sarah Taylor, Sophie Jones, Sara Ray, Matthew Bill, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_613460	Microbiology, Koc University	Microbiology, Koc University	Ahan K.L., Tsang, Peter C.W., Yip, Eshman T.K., Lam, Rickjason C.W., Chan, Dominic N.C., Tsang, Ozer, B., Nurtop, E., Kuskucu, M.A., Dogan, O., Can, F.
EPI_ISL_613557	CHRU Pontchaillou - Laboratoire de Virologie 2, rue Henri Le Guilloux	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Benhill, Meline Bizard, Angela Bisebeare, Camille Capel, Elenne Simon-Loride, Vincem Enouf, Maud Vanpeere, Sylvie van der Werf, Gisèle Lagatrou
EPI_ISL_613958	Microbiology, Department of Pathology, St. Bernard's Hospital, Gibraltar Health Authority	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team, Dr Nicholas Cortes (Gibraltar), Charlotte Gilborn-Jones (Gibraltar)
EPI_ISL_614203	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Bankership HM, Riner D. Soehnten MK
EPI_ISL_614298, EPI_ISL_614304, EPI_ISL_614307, EPI_ISL_614308	Farose National Reference Laboratory for Fish and Animal Diseases	Farose National Reference Laboratory for Fish and Animal Diseases	Maria Mafurjandottir Dahl, Petra Elisabeth Petersen, Debes Hammerstamb Christiansen
EPI_ISL_614347, EPI_ISL_614349, EPI_ISL_614351, EPI_ISL_614353, EPI_ISL_614363, EPI_ISL_614371, EPI_ISL_614375, EPI_ISL_614377, EPI_ISL_614381, EPI_ISL_614384, EPI_ISL_614386, EPI_ISL_614387, EPI_ISL_614391, EPI_ISL_614393	Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouake CHU Laboratory Department of Virology and Microbiological Special Diagnostics, Statens Serum Institut, Denmark	Project group Epidemiology of Highly Pathogenic Microorganisms, Robert Koch-Institute Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Department of Biostatistics Science and Engineering, ETH Zurich	Chantal Akoua-Koffi, Diane Bamourou, Elie Anoh, Essia Barahi, Saliatou Karidoula, Giti Schuber, Adjaratou Traoré, Souradé Maté, Monemo Pacome, Coulibaly Mbeagna, Bamba Fatoumata Touré, Kra Oufroué, Fabian Lennartz
EPI_ISL_614432, EPI_ISL_614500	Viollier AG	Department of Biosystems Science and Engineering, ETH Zurich	Christian Baisel, Sarah Nadeau, Ivan Topolitsky, Pedro Ferreira, Philipp Jablonksi, Susana Posada-Céspedes, Tobias Sotir, Ima Nissen, Natascia Santaroca, Elodie Burchlen, Christiane Beckmann, Maurice Rodondo, Olivier Kobi, Christoph Noppa, Sophie Sadel, Noemie Santamaria de Souza,
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EPI_ISL_615117	Klinisk mikrobiologi Linköping	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lird Karlberg, Mattias Haukland, Reza Advani, Olov Startström, Oskar Karlsson Lindlöf, Sandra Broddebsson, Petra Edqvist, Mia Blyting, Anna Risberg, Kain Tegmark-Wissell
EPI_ISL_615121	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Hekias	Cristian Rohr, Blanca Bunn, Dalmacio Pereyra, Píscala Adobbe, Andrea Mangano, Maria Florencia Fernandez, Fabian Fay, Martin Vazquez
see above	Department of Virology and Microbiology Special Diagnostics, Statens Serum Institut, Denmark	Danish Covid-19 Genome Consortium	
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EPI_ISL_622808, EPI_ISL_622809, EPI_ISL_622824, EPI_ISL_622825	Cantebury Health Laboratories	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hernes Perez, Anja Werno, Anje van der Linden, Ario Upton, Chris Mansell, David Hamner, Dragana Drnkovic, Gary McAuliffe, Hana Sofia Anderson, James Usher, Jill Shemwood, Josh Freeman, Julia Howard, Juliet Ely, Mary Dealmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addice, Michele Bains, Sally Roberts, Sarah-Jelenees, Sharnai Muliyil, Susan Morpeh, Susan Taylor, Timothy Blackmore, Vani Sahyredran, Veronica Playle, Virginia Hope, Erasmus Smitt, Lauren Jolly, Olin Stlander, Joep de Gigt
EPI_ISL_622934, EPI_ISL_622937	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Alam M. Ismail A, Khumalo Z, Kwenda S, Mashai P, Mnyameni F, Mohale T, Subramoney K, Bhiman JN
EPI_ISL_623077	Uppsala klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lird Karlberg, Mattias Haukland, Reza Advani, Olov Startström, Oskar Karlsson Lindlöf, Sandra Broddebsson, Petra Edqvist, Mia Blyting, Anna Risberg, Kain Tegmark-Wissell
EPI_ISL_623119, EPI_ISL_623143, EPI_ISL_623144, EPI_ISL_623145, EPI_ISL_623147, EPI_ISL_623149, EPI_ISL_623158, EPI_ISL_623161, EPI_ISL_623165	Laboratorio de Virologia Molecular / UFFU	Bioinformatics Laboratory / LNUCC	Carolina M Voloch, Ronaldo S Francisco Jr., Luiz G P de Almeida, Olavio J Brusolini, Cynthia C Cardoso, Alexandra L Gerber, Ana Paula de C Guimarães, Diana Mariani, Covid19-UFFU Workgroup, Luis Cristóvão Porto, Renato S Aguiar, Tereziinha W P P Castinheiras, Orlando C, Ferreira, Anticar Tanuri, Ana Tereza R de Vasconcelos
EPI_ISL_625456	Virology Unit, Institut Pasteur de Madagascar	Virology Unit, Institut Pasteur de Madagascar	Christian Ramonson, Cara Brook, Norosa Razanajaloro, Vida Anyong, Tisy Randriamandimby, Jean-Michel Herault, Philippe Dussart
EPI_ISL_625673, EPI_ISL_625674, EPI_ISL_625675, EPI_ISL_625676, EPI_ISL_625678, EPI_ISL_625681	Laboratory of Molecular Medicine, University of Magalanes	Centro Asistencial Docente y de Investigación, Universidad de Magalanes	Razafimanjato, Cristina M, Taro, Josepi L, DaRisi, Soa Fy Andriamandimby, Jean-Michel Herault, Philippe Dussart
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EPI_ISL_626231, EPI_ISL_626237	Department of Clinical Microbiology	GIGA Medical Genomics	Danish Covid-19 Genome Consortium
EPI_ISL_626550, EPI_ISL_626554, EPI_ISL_626556	Laboratorio de Biología Molecular, Facultad de Medicina, Universidad de Alacant, Copalco Chile/ FONDAP CRQ, Universidad Andrés Bello, Santiago, Chile	Center for Mathematical Modeling and Center for Genome Regulation, Santiago, Chile	Keith Durkin, Maria Atesci, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Céolie Meek, Perrine Mellin, Marie-Pierre Heyvite, Vincent Bours
EPI_ISL_626572, EPI_ISL_626575, EPI_ISL_626577, EPI_ISL_626587, EPI_ISL_626592, EPI_ISL_626612	The National Institute of Public Health	State Veterinary Institute Prague	Echeverria C, Manriquez R, Bastias M, Samhuza D, Travisany D, Alencora ML, Maass A, González M, Montecino, M, Oriellana A, Castro E, Menezes C, Nagy A, Yulincova, H, Novakova, L, Trnka, D, Vecerova, J
EPI_ISL_627346, EPI_ISL_627402	West of Scotland Specialist Virology Centre, NHSGGC / MFC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Marr, Stephen Carmichael, Lily Tong, Jerna Nichols, Elin Aranday-Cortes, Kyriaki Nantkou, Sarah McConrad, Marc Niebel, Palanve Asamiraparn, Richard Oton, Joseph Higgins, Steena Vattipally, David L Roberts, Alastair Macdonald, Rory Gunnson, Kathy LJ, Igor Stankisli, Natasha Johnson, Rajiv Shah, James Stephens, Antonia Ho, Emma Thomson
EPI_ISL_627519, EPI_ISL_627542	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeley, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_628119, EPI_ISL_628241	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birtchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Frachantini, Sara Kurzmane-Summerhayes, Sarah Taylor, Sophie Jones, Sara Hay, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_628329	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glynsier, Scott Elliott, Kelly Birkhall, Robert Impy, Alison Lloyd, Sarah Wylie, Eithan Butcher, Anoop Chauhan, Samuel Ratson
EPI_ISL_629007	Hospitals NHS Trust	NSW Health Pathology - Institute of Clinical Pathology and Medical Research, Westmead Hospital, University of Sydney	CIDM-PH et al.
EPI_ISL_629013	Centro de Biotecnología Vegetal, Universidad Andrés Bello, Center for Genome Regulation	Center for Mathematical Modeling and Center for Genome Regulation, Santiago, Chile	Bastias M, Samhuza D, Travisany D, Alencora ML, Maass A, González M, Bustos F, Antagada G, Montecino, M, Oriellana A, Castro E, Menezes C, Maximilian Damagnez, Alexander Dilthey, Ashley-Jane Duplessis, Patrick Finzer, Kathrin Hoffmann, Torsten Houwaert, Lisanna Hilse, Malte Kohns Vasconcelos, Marek Kowczak, Nadine Libke, Jessica Nicolai, Klaus Pfleger, Daniel Stralow, Jörg Trimm, Andreas Walker, Tobias Wenemann, Rainer Zetz
EPI_ISL_631304, EPI_ISL_631365	ZOTZ KLIMAS MZZ, Dusekoff-Centrum GPR UBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez, Alexander Dilthey, Ashley-Jane Duplessis, Eva Heger, Torsten Houwaert, Rolf Kaiser, Florian Klein, Elena Kroops, Malte Kohns Vasconcelos, Jessica Nicolai, Klaus Pfleger, Gibran Rubio Quiñantraras, Sabela Sierra-Aragón, Daniel Stralow, Jörg Trimm, Andreas Walker, Tobias Wenemann
EPI_ISL_631394, EPI_ISL_631386	University Hospital Cologne	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	AWasili, H., Altai, Z., Altijajiri, Z., Abbas, Z.
EPI_ISL_632261, EPI_ISL_632262, EPI_ISL_632263, EPI_ISL_632264, EPI_ISL_632265, EPI_ISL_632266, EPI_ISL_632267, EPI_ISL_632269, EPI_ISL_632284, EPI_ISL_632285	Communicable Disease Laboratory, Public Health Directorate	Communicable Disease Laboratory, Public Health Directorate	
EPI_ISL_632313	NU-sjukvården	Clinical Microbiology, Sahlgrenska University Hospital, Erasmus Medical Center	Johan Ringlander, Josefina Olafsson, Hedvig Engström, Jakobsson, Magnus Lindh
EPI_ISL_632578, EPI_ISL_632635, EPI_ISL_632783, EPI_ISL_632790	Dutch COVID-19 response team	Communicable Disease Laboratory, Public Health Directorate	Bas Oude Munnink, David Neuenhuijse, Reina Sikkema, Clarinda Schippenkock, Inga Cheshtakova, Anne van der Linden, Theo Bastepoort, Stefan van Nieuwkoop, Mark Prok, Pascal Laxmond, Corin Swaan, Marlon Hevrick, Madelief Molsters, Mark Stien, Sandra Kempen, Kangga Mubou, Jeroen van Kampen, Jolanda Voermans, Aara Timen, Corine GeurtsvanKessel, Annemiek van der Elk, Richard Molenvkamp, Marlon Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_632904	Communicable Disease Laboratory, Public Health Directorate	Communicable Disease Laboratory, Public Health Directorate	Altai Z., Altijajiri Z., AWasili, H., Abbas, Z.
EPI_ISL_632934	Department of Acute Infectious Diseases Control and Prevention, Yunnan Provincial Center for Disease Control and Prevention	Department of Acute Infectious Diseases Control and Prevention, Yunnan Provincial Center for Disease Control and Prevention	Meiling Zhang, Jienan Zhou, Senqian Jia, Xiaonan Zhao, Xiaqing Fu

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EPI_ISL_634846		Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Matt Plumb, Jacob Garfin, Alexandra Lorenz, and Xiong Wang
EPI_ISL_634880, EPI_ISL_634882, EPI_ISL_634884		Lab voor klinische biologie	Onderzoeksgroep Virologie	Laurens Lambrechts, Nick Vereecke, Marthe Pauwels, Bruno Verhasselt, Lino Vandekerckhove, Hans Nauwynck, Sebastiaan Theunis
EPI_ISL_634896, EPI_ISL_634890		Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Lino Vandekerckhove, Hans Nauwynck, Sebastiaan Theunis
EPI_ISL_634994, EPI_ISL_635032		National Health Laboratory Service - Inkei Albert Luthuli Central Hospital (NHLA-ALCH)	KRISP - KZN Research Innovation and Sequencing Platform	Grandhan J. Pillay S., Lesselie K., York D., Khan S., Tegally H., Wilkinson E. de Oliveira T
EPI_ISL_635061		1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital, 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	1-Clinical and Experimental Pharmacology Lab, LR16SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia, 2-Neurodegenerative diseases and psychiatric troubles, LR16SP03, Razi Hospital, University of Tunis El Manar, Tunis, Tunisia, 3- Ministry of Health, National Observatory of New and Emerging Diseases, 1006, Tunis, Tunisia	Ilhem Bouhès-Ben Boubaker, Samah Traboulsi, Nissaf Ben Alya, Maher Kharrat, Ala Ben Kahla, Jalla Ben Khellil, Salma Abd, Sana Terjani, Mouna Ben Sassi, Mouna Sefar, Inem Mkeda, Imen Kaem, Gaies Emma, Soumaya Rammei, Riadh Daghous, Riadh Gaudier
EPI_ISL_635074		Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635100		Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635116		Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635159		Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635185		Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635189		Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Bragstad, Olav Hungnes
EPI_ISL_635454		San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Bastier, Jovan Shephard, Brett Ausin
EPI_ISL_635480, EPI_ISL_635486, EPI_ISL_635491, EPI_ISL_635506, EPI_ISL_635512, EPI_ISL_635533, EPI_ISL_635549, EPI_ISL_635573, EPI_ISL_635574		Centro de Diagnostico COVID-19 UMBC Tilman	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Bastier, Jovan Shephard, Brett Ausin
EPI_ISL_635778, EPI_ISL_635779, EPI_ISL_635781		Biolabs Diagnostic Laboratories	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Bastier, Jovan Shephard, Brett Ausin
EPI_ISL_635953		San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Bastier, Jovan Shephard, Brett Ausin
EPI_ISL_636300		Biolabs Diagnostic Laboratories	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Bastier, Jovan Shephard, Brett Ausin
EPI_ISL_636514, EPI_ISL_636518, EPI_ISL_636519, EPI_ISL_636557, EPI_ISL_636578, EPI_ISL_636603		Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vermeena, Jeroen Oremie, Sharon van den Brink, Bas van der Veer, AnneMieke van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reuskens, on behalf of the national COVID-19 response team
EPI_ISL_636604		Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences, Molecular cardiology lab	Lukas Zemanis, Ingrida Orendrait, Arnoldas Pautienus, Kamile Tamusauskaite, Dovydas Geogys, Laura Pareckaitė, Vaiva Lesauskaite, Astra Vilkauškiene
EPI_ISL_636607		Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchna Boujemia, Céolie Meek, Perrrette Mellin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_636737		Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	Souza, T.M., Frieleman-Rodrigues,N., De Paula,A.D., Saravá,F.B., Ferreira,M.A. and Sacramento,C.O.
EPI_ISL_636740, EPI_ISL_636781		National Centre for Disease control (NCDC)	NCDC/CSIR-IGIB	Mahesh S. Dhart *, Bharathram Uppilliz *, Robi Manwal *, Pooja Sharma **, Radhakrishnan VS, Vivekanand A, Nishu Tyagi, Shaista Khan, Simmi Tiwari, Mamish Kumar, Ajit Shewale, Ishaq Ahmed Asangla Kamal, Aparna Swaminathan, Saruchi Wadhwa, Tushtar Nile, Sandhya Kabra, Sajeet Singh, Mohammed Faruq#, Anurag Agrawal#, Partha Rakshit#
EPI_ISL_636835, EPI_ISL_636837		Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	Souza, T.M., Frieleman-Rodrigues,N., De Paula,A.D., Saravá,F.B., Ferreira,M.A. and Sacramento,C.O.
EPI_ISL_636841, EPI_ISL_636845, EPI_ISL_636857, EPI_ISL_636863, EPI_ISL_636873, EPI_ISL_636877, EPI_ISL_636887		Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences, Molecular cardiology lab	Lukas Zemanis, Ingrida Orendrait, Arnoldas Pautienus, Kamile Tamusauskaite, Dovydas Geogys, Laura Pareckaitė, Vaiva Lesauskaite, Asta Vilkauškiene
EPI_ISL_636964		Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Rahul P Salunke, Sharif Hala, Rameez Nabeem, Sara Mareri, Amit Kumar Subudhi, Amanda Ooi, Luke Essu, Fadwa Alofi, Fatima Ben Rached, Atrah
EPI_ISL_636965		Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Rameez Nabeem, Rahul P Salunke, Sharif Hala, Sara Mareri, Amit Kumar Subudhi, Fadwa Alofi, Fatima Ben Rached, Atrah Alsomali, Asim Khogeer, Ahmad Bakur Mahmood, Awyar Hashem, Naf Almomtashiri, Anab Pain
EPI_ISL_636972		Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)	Fatima Ben Rached, Rameez Nabeem, Sharif Hala, Rahul P Salunke, Sara Mareri, Amit Kumar Subudhi, Atrah Alsomali, Asim Khogeer, Ahmad Bakur Mahmood, Awyar Hashem, Naf Almomtashiri, Anab Pain
EPI_ISL_636977		HP Pamba	KRISP - KZN Research Innovation and Sequencing Platform	Atrah Alsomali, Fatima Ben Rached, Rameez Nabeem, Sharif Hala, Bahni P Salunke, Amanda Ooi, Luke Essu, Sara Mareri, Amit Kumar Subudhi, Fadwa Alofi, Asim Khogeer, Khalid Alghifhani, Awyar Hashem, Naf Almomtashiri, Anab Pain
EPI_ISL_636980		CS Xai Xai	KRISP - KZN Research Innovation and Sequencing Platform	ismael N. Grandhan J. Pillay S., Tegally H., Wilkinson E. de Oliveira T., Nadia Sloce, Paulo Ananido, Nedio Mabunda

EPI_ISL_644311, EPI_ISL_644336, EPI_ISL_644337, EPI_ISL_644341	CEPHB / Vincent's Hospital	Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Alejandro Abner Garcia Leon, Patrick Mallon
EPI_ISL_644491, EPI_ISL_644504, EPI_ISL_644549	MEPH, Aix Marseille University Department of Clinical Microbiology	MEPH, Aix Marseille University GIGA Medical Genomics	Anthony LEVASSEUR
EPI_ISL_644672	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia Osmania Medical College	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia CSIR Centre for Cellular and Molecular Biology	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchnra Boujemla, Cécile Meek, Perrilette Mellin, Marie-Pierre Heyvèle, Vincent Bours Supplian J, Kamel K, Mohd-Zawawi Z, Thayan R
EPI_ISL_644715	National Microbiology Reference Laboratory	Quadrant Institute Bioscience	D. V. Sudha Rani, Dr. S. Pavani, Dr. Satyaprasad D. P. Shashikala Reddy, Tulasi Nagabandi, Namami Gaur, Saksin Shamshavilamuk Zayent, Shaquita Khan, Nikhil Hegirnis M Soujanya Reddy, Preethusa Meccota Purushotham Vedula Blessy B John, Vignagthe S L B Himansi Paval Mukherjee, Soila Banu, Priya Singi, Anvraa Banarjee, Siva Karthik Bharadwaj, Tallapak, Rakesh K Mishra, Divya Tej Sompalli
EPI_ISL_644800, EPI_ISL_644812	Department of Infectious Diseases, Keio University School of Medicine, Tokyo, Japan	Center for Medical Genetics, Keio University School of Medicine, Tokyo, Japan	Thanh Le Viet, Andrew J. Page, Justin O'Grady, Gemma Kay, David Baker, Gaetan Thillier, Ana Victoria Gutierrez, Robert Kingsley, Leonardo de Oliveira Martins, Sekesai Zinyowera, Talenda Takemwa, Mulhanza Mugabe, Gibson Mhangwa, Porita Manangazira, Andrew Taruwa, Hiana Gumbo, Agnes Juru, Charles Nyaguru, Alexander Goredema, Isaoa Piriri, Barbra Muriwa, Bandy Makamure, Taplanamei Mashie Kenjiro Kosaki, Yuka Iwasaki, Hirotsugu Ishizu, Haruhiko Sironi, Kodai Abe
EPI_ISL_644935, EPI_ISL_644936, EPI_ISL_644950, EPI_ISL_644951, EPI_ISL_644952, EPI_ISL_644958, EPI_ISL_644962, EPI_ISL_644965, EPI_ISL_644991, EPI_ISL_644993	Human Genome Variation Research Group, Malopolska Centre of Biotechnology National Public Health Laboratory, National Centre for Infectious Diseases CHU Nîmes	Human Genome Variation Research Group, Malopolska Centre of Biotechnology National Public Health Laboratory, National Centre for Infectious Diseases CNR Virus des Infectons Respiratoires - France SUD	Kowalski M., Pospiech E., Kajmow A., Gronowicki T., Pisarek A., Marszałek K., Kopera K., Foremy J., Swadzba J., Sanak M., Owczarek K., Dabrowska A., Szczepanski A., Botwiniak P., Pyrc K., Barwicki W. Tze Wlin Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_645118, EPI_ISL_645129	The Public Health Agency of Sweden SLAB	The Public Health Agency of Sweden Laboratorio Mixto de Biotecnología Académica (LIMBA)	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advari, Olov Startström, Oskar Karlsson Lindjö, Sandra Brodsson, Petra Edquist, Mia Björling, Anna Risberg, Kain Tegmark-Wisell Joaquín Espoleta, Ignacio García Labart, Victoria Paster, Vanina Villanova, Pablo Casali, Sofía Lavista Llamas, Federico Remes Lencov, Ana Paleta, Flavio Spedale, Augustin Cerrí, Silvana Spinelli, Elisa Bolletti, Diego Chouly, María Ra Gascón Varela, Ana Cavatorta, Juliana Acosta, Javier Murillo, Laura Angoleto, Leandro Ciappina, Pilar Buzaco, Adriana Gri, Silvia Aranz, Elizabeth Tapia
EPI_ISL_648143, EPI_ISL_648187	Department of Laboratory Medicine, Tan Tock Seng Hospital	Department of Laboratory Medicine, Tan Tock Seng Hospital	Carlos Cortes, Claudia Daubenberger, Adrian Egli, Guillermo Garcia, Salome Hosch, Bonifacio Manguike Niavo, Alfredo Marí, Maximilian Mjina, Elizabeth Nyakarungu, Diosdado Odjama Nseng Ada, Milcha Ordo O Ayekeba, Tim Roofli, Tobias Schindler, Helena Seth-Smith, Madlen Stange, Philipp Wunder Pflü
EPI_ISL_648217	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Chen YYC, Zair X, Lim JX, Li C, Tang WY, Maurer-Stroh S, Barkham TMS, Nagarajan N, Sessions OM
EPI_ISL_648305, EPI_ISL_648324, EPI_ISL_648327, EPI_ISL_648338, EPI_ISL_648343, EPI_ISL_648347, EPI_ISL_648350, EPI_ISL_648367	Laboratorio de Investigaciones de Barney	University Hospital Basel, Clinical Bacteriology	Caros Cortes, Claudia Daubenberger, Adrian Egli, Guillermo Garcia, Salome Hosch, Bonifacio Manguike Niavo, Alfredo Marí, Maximilian Mjina, Elizabeth Nyakarungu, Diosdado Odjama Nseng Ada, Milcha Ordo O Ayekeba, Tim Roofli, Tobias Schindler, Helena Seth-Smith, Madlen Stange, Philipp Wunder Pflü
EPI_ISL_648673, EPI_ISL_648690, EPI_ISL_648702, EPI_ISL_648711, EPI_ISL_648720, EPI_ISL_648729, EPI_ISL_648741, EPI_ISL_648773, EPI_ISL_648795, EPI_ISL_648795, EPI_ISL_648817	Department of Laboratory Medicine, Tan Tock Seng Hospital University of Michigan Clinical Microbiology Laboratory AI-Quds Nutrition and Health Research Institute, AI-Quds University Queen Astrid Military Hospital Laboratorio de Investigaciones de Barney	Department of Laboratory Medicine, Tan Tock Seng Hospital Lauring Lab, University of Michigan, Department of Microbiology and Immunology AI-Quds Nutrition and Health Research Institute, AI-Quds University Institute of Tropical Medicine University Hospital Basel, Clinical Bacteriology	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol O'Clung, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillito on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid19team) PHE Covid Sequencing Team
EPI_ISL_649058	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Philippe Seihorst, Colin Anthony
EPI_ISL_649153	AI-Quds Nutrition and Health Research Institute, AI-Quds University	AI-Quds Nutrition and Health Research Institute, AI-Quds University	Nasereddin A., Ereqat S. and Al-Jawabren A.
EPI_ISL_649154	Queen Astrid Military Hospital	Institute of Tropical Medicine	
EPI_ISL_649164, EPI_ISL_649170, EPI_ISL_649172	Laboratorio de Investigaciones de Barney	University Hospital Basel, Clinical Bacteriology	Caros Cortes, Claudia Daubenberger, Adrian Egli, Guillermo Garcia, Salome Hosch, Bonifacio Manguike Niavo, Alfredo Marí, Maximilian Mjina, Elizabeth Nyakarungu, Diosdado Odjama Nseng Ada, Milcha Ordo O Ayekeba, Tim Roofli, Tobias Schindler, Helena Seth-Smith, Madlen Stange, Philipp Wunder Pflü
EPI_ISL_649724	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol O'Clung, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillito on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid19team) PHE Covid Sequencing Team
EPI_ISL_649891	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_651940	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Boos, Lily Tong, Jenna Nichols, Kyriaki Nomioku, Sarah McDonald, Richard Orton, Joseph Hughes, Steen Vainkilly, David L Robertson, Alasdair MacLean, Roy Gunson, Sharif Shaaban, Matthew Holden, Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_652028	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rodee S, Gallagher M, Balcaza C, O'Toole A, Schee E, Hill V, McCrone JT, Colquhoun R, Yi X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_652315	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feevery, Alison Watt, Ciara Cox, Mairead Connor, Zolhan Molnar, David Simpson, Derek Fairley
EPI_ISL_653746, EPI_ISL_653754, EPI_ISL_653755, EPI_ISL_653757	Instituto Nacional de Salud, Bogotá, Colombia	Instituto Nacional de Salud, Bogotá, Colombia	Katherine Laton-Donato, Diego A. Alvarez-Diaz, Carlos Franco-Muñoz, Mauricio Pacheco-Montealegre, Jonathan Peales, Diego Andrés Prada, Jose A. Urme-Ciro, Zulma M. Cucunubá, Christian Julián Villabona-Arenas, Liz Villabona-Arenas, Susy Echeverria, Astrid C. Florez, Carolina Ferro, Diana Marcela Walters-Acero, Franklin Pinedo, Carlos Andrés Durán, Mariana Lucia Ospina Martínez, Marcela Mercado-Redondo Parisi A., Bianco A., Capozzi L., Del Sambro L., Lippolis A., Notaricicola M., Manzulli V., Rondinone V., Pace L.
EPI_ISL_653765	I.R.C.C.S. "S. De Bellis" - Ente Ospedaliero	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Manzulli V., Rondinone V., Pace L., Ciolletta D., Galante D.
EPI_ISL_653785	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	
EPI_ISL_653821	I.R.C.C.S. "S. De Bellis" - Ente Ospedaliero	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Lippolis A., Notaricicola M., Ciolletta D., Galante D.
EPI_ISL_653857	Maulana Azad Medical College	National Institute of Biomedical Genomics	Arindam Mitra, Sonal Saxena, Vikas Manchanda, Oves Siddiqui, Saumitra Das
EPI_ISL_653916	Diagnostic and Research Institute of Pathology, Medical University of Graz	Diagnostic and Research Institute of Pathology, Medical University of Graz	Karl Kaschler, Peter Frejting, Martin Zacharias, Gregor Gönkwicz
EPI_ISL_653926	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Samoilov AE, Kapilevova VV, Dudorova A V., Speranskaya AS, Tivanova EY, Shipulina OY, Akimkin VG

EPI_ISL_654020	Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital, 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	1-Clinical and Experimental Pharmacology Lab, LR15SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia.	Ilhem Bouhass Ben Boubaker, Sameh Trabelsi, Nissat Ben Alya, Maher Kharrat, Ala Ben Kahla, Jallia Ben Khellil, Salma Abd, Sana Ferjani, Mouna Ben Sassi, Mouna Sefir, Inem Wkeda, Imen Kacem, Gaies Emma, Soumaya Rammeih, Riadh Daghous, Riadh Gaudier.
EPI_ISL_654216, EPI_ISL_654234	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV/CSSIC)	Dario Garcia de Viechoa, Laura Perez-Lago, Maria Herranz, Jon Sicilia, Julia Suarez, Pilar Catalan, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_654500	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svanström, Oskar Karlsson Lindjö, Sandra Brodesson, Petra Edquist, Mia
EPI_ISL_654504	Klinisk mikrobiologi, Västerorrland	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svanström, Oskar Karlsson Lindjö, Sandra Brodesson, Petra Edquist, Mia
EPI_ISL_654507	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svanström, Oskar Karlsson Lindjö, Sandra Brodesson, Petra Edquist, Mia
EPI_ISL_654570, EPI_ISL_654589, EPI_ISL_654614	Servicio de Microbiología, Hospital Universitario Donostia, OSI Donostialdea, Área de Enfermedades Infecciosas, Grupo de Infección Respiratoria y Resistencia Antimicrobiana, Instituto de Investigación Sanitaria Biodonostia	SeqCOVID-SPAIN consortium/IBV/CSSIC)	Gustavo Cilla Eguiluz, Mlagrosa Montes Fos, Luis Pifreño Vázquez, Ane Sorraín, Jose Maria Marroin and SeqCOVID-SPAIN consortium
EPI_ISL_654795, EPI_ISL_654799	SA Pathology	SA Pathology	Lex Leong, Julien Soubrier, Chuan Kok Lim, Song Gao, Mark Tura, Karin Kassam, Van Bastien, Geoff Higgins
EPI_ISL_654810	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tze Pin Lin
EPI_ISL_655950, EPI_ISL_656508, EPI_ISL_656654	Lighthouse Lab in Alderley Park	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Aberton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillito on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_658891, EPI_ISL_658901	Instituto de Diagnóstico y Referencia Epidemiológicos (INDRE)	Instituto de Diagnóstico y Referencia Epidemiológicos (INDRE)	Erasmo Ramirez-Gonzalez, Abril Rodríguez-Maldonado, Claudia Wong-Arambula, Natalydel Cruz-Ortiz, Taliana Nunez-Garcia, Dayanira Avellano-Suarez, Fabiola Garces-Ayala, Lucia Hernandez-Rivas, Irma Lopez-Merthiez, Gisela Barrera-Basilio.
EPI_ISL_660069, EPI_ISL_660070	Zurita & Zurita Laboratorios	Zurita & Zurita Laboratorios	Gabriela Sevillaño Camilo Zurita-Salinas Karen Loatza David Ortega-Parades Jeannele Zurita
EPI_ISL_660200	NHL-S-MLCH	KRISP , KZN Research Innovation and Sequencing Platform	Gianthari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_660228	KRISP, KZN Research Innovation and Sequencing Platform	KRISP, KZN Research Innovation and Sequencing Platform	Gianthari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_660305	Servicio de Microbiología, Laboratorio Clínico Metropolitano Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	SeqCOVID-SPAIN consortium/IBV/CSSIC)	Elisa Martí, Antoni E. Bordoy, Anna Not, Adrián Antón, Anabel Fernández, Nona Romani and SeqCOVID-SPAIN consortium
EPI_ISL_660324	General practitioner	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Benhili, Méline Bizard, Angela Bisesbarre, Camille Capel, Etienne Simon-Lorère, Vincent Frouf, Maud Vanpeere, Sylvie van der Werf
EPI_ISL_660370	CHU Clermont-Ferrand	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burin, Hadrien Regue, Quentin Semarac, Marine Valente, Bruno Lira, Christine Archimbaud, Angélie Brebon, Helene Chabrolles, Marine Orbanon, Audrey Mirand, Christel Regagnon, Maxime Bissacq, Patricia Combes, Cécile Henquell, Laurence Jossel
EPI_ISL_660426	Orebro klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Mattias Haukland, Reza Advani, Olov Svanström, Oskar Karlsson Lindjö, Sandra Brodesson, Petra Edquist, Mia
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EPI_ISL_677211, EPI_ISL_677212	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
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EPI_ISL_515563	Hospital Municipal Dr. Jose Soares Hungria	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_515565	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_515566	PS Municipal Dr Lauro Ribas Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_522491	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Junyoung Kim, Ae Kyung Park, Ae Kyung Shin, Jin Sun No, Jeong-Min Kim, Yoon-Seok Chung, Heui Man Kim, Myung Guk Han	
EPI_ISL_523955	Hospital Municipal do Tatubape Carmino Caricchio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523957	Hospital Itamaraty	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523958	Pronto Socorro Municipal de Perus	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523965	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523969	Hospital Sao Paulo de Ensinho da Unifesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523970	Conjunto Hospitalar do Mandaguí	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523971	Hospital Geral Santa Marcelina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523974	Hospital Municipal do Tatubape Carmino Caricchio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523975	UPA Tio Lopes	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523977	Hosp. Municipal Prof. Dr. Alípio Corrêa Neto	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523978	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523980	UPA Tio Lopes	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523981	Hospital Sao Paulo de Ensinho da Unifesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523982	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523983	UPA Campo Limpo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523984, EPI_ISL_523986	Ama Dr Jose Soares Hungria	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523988	Hospital Sao Paulo de Ensinho da Unifesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523989	AMA Jardim Joamar	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_523990	AMA Jardim Peri	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524462	Hospital Metropolitanano	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524463	Hospital Regional de Colta	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524464	Santa Casa de Santa Isabel	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524465	PS Municipal Dr. Caetano Virgílio Neto	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524466	PS Municipal Dr Lauro Ribas Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524468	Hospital Municipal Vereador Jose Storopoli	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_524469	Santa Casa de Misericórdia de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_527019, EPI_ISL_527032	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Rawlinson, W.	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_527856	Hospital Municipal Prof. Waldomiro de Paula	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_527857	Hospital Regional Vale do Ribeira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_527859	Hospital Municipal Vereador Jose Storopoli	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EPI_ISL_527860	Hospital Municipal de Parelheiros Josamas Castanha Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes

EP1_SJL_527861	Hospital e Maternidade Ceiso Piarro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	AV. Dr. Arnaldo, 355 - Brazil, Cerqueira Cesar, São Paulo - SP, 01246-1301
EP1_SJL_527862	Hospital Municipal de Urgência	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_527865	Hospital e Maternidade São Cristóvão	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_527866	PS Municipal Dr Lauro Ribas Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	AV. Dr. Arnaldo, 355 - Brazil, Cerqueira Cesar, São Paulo - SP, 01246-1301
EP1_SJL_527868	Hospital e Maternidade do Braz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_527870	Hospital Municipal Mário Gatti	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534311	UPA III 26 de Agosto	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534314	Hospital Universitario da USP de SP	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534316	OS Mun Santana Lauro Ribas Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534317	Hospital Geral de Itapevi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534318	Hospital Municipal Antonio Giglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534320	Hospital do Serv Puv ESTAFECO Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534321	PS e Maternidade Nair Fonseca Leitao Arames	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534322	PS Mun Julio Tupy	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_534328	Notre Dame Intermedica Saude AS	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes
EP1_SJL_536688	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al, AIDS Vaccine Research Laboratories
EP1_SJL_541343, EP1_SJL_541344	LACEN/PR	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Mendonça, Jonathan Lopes, Irina Riediger, Maria do Carmo Dabur, Marilda Siqueira
EP1_SJL_541354, EP1_SJL_541355, EP1_SJL_541359	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixão, Ana Carolina Mendonça, Jonathan Lopes, Marilda Siqueira
EP1_SJL_541372, EP1_SJL_541386	LACENSE	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixão, Ana Carolina Mendonça, Jonathan Lopes, Ciloma Santos, Marilda Siqueira
EP1_SJL_547433, EP1_SJL_547434, EP1_SJL_547435, EP1_SJL_547437	Microbiology, Department of Pathology, St. Bernard's Hospital, Gibraltar Health Authority	Respiratory Virus Unit, Microbiology, Services Colindale, Public Health England	PHE Covid Sequencing Team, Dr Nicholas Cortes (Gibraltar), Charlotte Gillborn-Jones (Gibraltar)
EP1_SJL_547573	Vigilancia em Saude de Cajamar	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_547575	SVO Juridical	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_547579	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_549084	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Steen-Johnsen, Kamilla Heddeland Instefjord, Hilde Eishaug, Rasmus Rlis Kopperud, Hilde Symove Volian, Karoline Dragstad, Olav Hungenes
EP1_SJL_549833	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Aramo, Sonia Gonçalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EP1_SJL_551467	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Aramo, Sonia Gonçalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team)
EP1_SJL_572371	LACEN/PE	Wailaub, Agyen Magalhães Institute	Marcelo Henrique Santos Paiva, Duschinka Ribeiro Duarte Guedes, Cassia Doçena, Matheus Filgueira Bezerra, Filipe Zimmer Dazotti, Luis Ceschini Machado, Larissa Korokovsky, Alexsandra Heiveco, Alexsandra Freitas da Silva, Luizson Richerson Silva Vasconcelos, Antonio Mauro Rezende, Severino Jefferson Ribeiro da Silva, Kamila Gaudento da Silva Saes, Brunna Santos Lima Figueiredo de Sá, Deriliano Lopes da Cruz, Claudio Eduardo Cavalcanti, Amarnado de Menezes Neto, Caroline Targno Alves da Silva, Herania Pessoa Garrnaro Mendes, Maria Apareia Lopes da Silva, Tiago Gadi, Paola Cristina Resende, Gonzalo Bellofi, Michele da Silva Barros, Whenerton Ricardo Corrêa do Nascimento,, Rodrigo Moraes Lajoy Arcoverde, Luciane Caroline Albuquerque Bezerra, Sivali Fhilo Branco Filho, Consistância Flávia Junqueira Ayles, Gabriel Luz Wailaub
EP1_SJL_574577	Hospital Municipal Dr. Ignacio Piroenra de Gouvea	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_574578	Hospital Municipal Mário Gatti	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_574579	Hospital Municipal Dr. Ignacio Piroenra de Gouvea	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_574580	Hospital Cidade Tiradentes Carmen Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_574582	Hospital Municipal Dr. Jose Soares Hungria	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_SJL_574583	Secretaria Municipal de Saude de Jandira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EP _ SL _574588	Hospital Estadual Sumare	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _574589	Hospital Municipal Dr. Jose Soares Hungria	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _574590	Unidade de Primo Atendimento UPA I Santa Isabel	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _574591, EP _ SL _574592	Hospital Domingos Leonardo Caravolo Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _574597	Secretaria Municipal de Saude de Jaturu	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _574598	Servico de Verificacao de Obito SVO	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _579320	LabPL US	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Muhammad Faisal, Jing Wang, Hernes Perez, Ange Werner, Anje van der Linden, Ario Upton, Chris Marsell, David Hammer, Dragana Dimkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Feeaman, Julia Howard, Juliet Ely, Mary Dealimeda, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michelle Bain, Sally Roberts, Sarah Jeffries, Sharnni Mullaiah, Susan Mopenh, Susan Taylor, Timothy Blackmore, Van Sahyendran, Veronica Payne, Virginia Hope, Erasmus Smi, Lauren Jolly, Olin Slander, Joep de Light Maden Sange, Alfredo Mei, Tim Rofert, Helena MB Seb, Smith, Michael Schweizer, Myra Bruner, Karoline Leuzinger, Kristine K. Soegaard, Alexander Garisch, Sarah Tschudin-Slater, Simon Tuns, Julia Bieckel, Hans Tagerer, Martin Stegermund, Christian Nickel, Roland Bringsler, Michael Ostroff, Sheron Bassetti, Rita Schneider-Silva, Mariana Batagay, Hans Hirsch, Adrian Egli
EP _ SL _581703	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Eisle Grudecki, Rhannon Hutzlerowich, Russell Mandes, Annaleise Landgraf, Jennifer Tanner, Natalie Knox, Morag Graham, Gan Van Caesele, Jared Bullard, David Alexander, Kerry Dist, Nathalie Bastien, Yan Li, Timothy Booth, Darlan Hole, Madison Chapel, CarCOGAN's metadata curation team, Public Health Agency of Canada CarCOGAN team
EP _ SL _582342	Cadham Provincial Laboratory	National Microbiology Laboratory (NML)	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583490	Hospital Estadual Sumare	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583492	Santa Casa Anna Cintra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583494	CS II Dr. Antonio Vicoso Moreira de Ferezeide Sumare	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583496	UPA Jandira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583497	Complexo Hospitalar Ouro Verde de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583498	Hospital Municipal Dr. Waldemar Tebaldi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583500	Centro de Saude I Tacio Leite de Carvalho e SILVA	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583502	Serv de Vig Sanitaria Epidemiolo e CTRL de Zoonoses Guaruja	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583503	CTA Centro de Testagem e Aconselhamento	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _583505	Casa de Saude Stella Maris	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _590506	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-19team)
EP _ SL _591372, EP _ SL _591402, EP _ SL _591411, EP _ SL _591449, EP _ SL _591450, EP _ SL _591537, EP _ SL _591538	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Tokawa, Rina Tanaka, Masaroni Hashino, Makoto Kuroda
EP _ SL _593871	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research, Westmead Hospital, University of Sydney	
EP _ SL _593819	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	
EP _ SL _603022	Departamento de Vigilância à Saúde	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603023	Vigilância em Saude Visa Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603024	Santa Casa de Misericordia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603028	Hospital Municipal Santa Ana	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603030	Hospital Domingos Leonardo Caravolo Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603033	Vigilância Epidemiologica de São Bernardo do Campo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603034	Departamento de Vigilância a Saude	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603036	Hospital Santa Ana	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP _ SL _603037	Hospital Geral de Pedreira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
		PHE Covid Sequencing Team	
		CIDM-PH et al.	

EP1_ISL_603038	Santa Casa de Misericórdia de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_623130	Laboratório de Virologia Molecular / UFRJU	Bioinformatics Laboratory / LNCC	Carolina M Veloch, Ronaldo S Francisco Jr., Luiz G P de Almeida, Cláudio J Brusatini, Cynthia C Cardoso, Alexandra L Garber, Ana Paula de C Guimarães, Diana Mariani, Covid19-UFRJU Workgroup, Luis Cristóvão Pinto, Renato S Aguiar, Terézinha W P Casatielras, Orlando C, Ferreira, Amílcar Tanuri, Ana Tereza R de Vasconcelos
EP1_ISL_629164, EP1_ISL_630998, EP1_ISL_631036	Lighthouse Lab in Milton Keynes Public Health Ontario Laboratory	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Public Health Ontario Laboratory	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K, Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelia Langford, John Sillince on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EP1_ISL_640129, EP1_ISL_640130	Groote Schuur Hospital wv GSH	NHL-SUCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Buraq Galvao, Innocent Mudiou, Marinn Hsiao, Kruger Marais, Diana Handie, Stephan Korsman, Carolyn Williamson
EP1_ISL_652142	Oxford Virotics, NDM, University of Oxford, Oxford University Hospitals, Basingsstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium Pathogen Genomics Center, National Institute of Infectious Diseases	Tanya Goldschik, David Bonsall, George MacIntyre, Amy Trebes, Mariateresa de Cesare, Cairn Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersen, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Mallice Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EP1_ISL_667561, EP1_ISL_667578, EP1_ISL_667826, EP1_ISL_667833, EP1_ISL_667839, EP1_ISL_667849, EP1_ISL_667850, EP1_ISL_667863	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Itozkawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EP1_ISL_672205	The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Chlanub Consortium
EP1_ISL_672705, EP1_ISL_672711, EP1_ISL_672719, EP1_ISL_672720, EP1_ISL_672748	Institute of Tropical Medicine at the University of São Paulo (IMT-USP)	Laboratório de Parasitologia Médica - Instituto de Medicina Tropical - Universidade de São Paulo	Brazil-UK Centre for Antibovus Discovery Diagnosis Genomics and Epidemiology (CADD) Genomic Network - Instituto de Medicina Tropical
EP1_ISL_673528	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K, Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillince on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EP1_ISL_678320	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Virology Research Laboratory, Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster, C.; Au, J.; Ruiz Silva, M.; Devesson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EP1_ISL_685539, EP1_ISL_686307, EP1_ISL_686353	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Itozkawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EP1_ISL_690818	Kanagawa Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Itozkawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EP1_ISL_693195	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693196	Hospital Santa Clara	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693198	Santa Casa de Misericórdia de São Paulo - Hospital Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693199	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693200	Hospital e Maternidade Maripora	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693201	Hospital Sao Paulo de Erisno da Unilesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693202	Pronto Socorro Municipal Prof. João Calatin Mazono	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693203	Hospital Municipal Doutor Arthur Ribeiro de Saboya	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693204	Pronto Socorro Dr. Conrado Cesarino Nuvolini	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693205	Hospital de Campanha Covid-19 Assis	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693206	Hospital Municipal Mario Gatti	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693207	Cs II Doutor Antonio Vicoso Moreira de Rezende	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693208, EP1_ISL_693209	Hospital Municipal Antonio Giglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693210	Pronto-Socorro Dr. Osmar Mesquita	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693211	Santa Casa de Misericórdia e Maternidade	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693212	Santa Casa de Misericórdia de Braganca Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693214	Unidade de Pronto Atendimento Central de Caragatatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693215	Secretaria Municipal de Saúde de Itacemapolis	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693216, EP1_ISL_693217	Unidade de Vigilância Epidemiológica de Araras	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_693223, EP1_ISL_693224	Laboratório Municipal de Piracicaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_693225	Urs Vila Rosa - Olimpia Gomes De Almeida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693228	Unidade de Pronto Atendimento Sao Jose	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693228	Secretaria Municipal de Sorocaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693229	Hospital 8 de Maio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693230	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693231	Pronto Socorro Municipal de Santa Branca	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693232	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693233	Hospital Santa Cruz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693234	Upa Vereador Jose Da Rocha Goncalves	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693235	Casmi Centro Atendimento Saude da Mulher e Infancia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693238	Hospital Santa Marcelina Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693237	UPA Santa Isabel	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693239	Secao Centro de Diagnostico Secedi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693240	Centro de Vigilância a Saude de Diadema	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693241	Hospital e Maternidade Sao Lucas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693242	Centro de Vigilância a Saude de Diadema	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693243	Laboratório Municipal de Piracicaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693244	Centro Medico da Policia Militar do Estado de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693245	UPA Santa Isabel	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_693278	unknown	Public Health Virology Laboratory, Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al.
EPI_ISL_703238	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Anato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordeila Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_717807, EPI_ISL_717808, EPI_ISL_717810, EPI_ISL_717811, EPI_ISL_717812, EPI_ISL_717813, EPI_ISL_717814, EPI_ISL_717815, EPI_ISL_717816, EPI_ISL_717817, EPI_ISL_717818, EPI_ISL_717819, EPI_ISL_717820, EPI_ISL_717821, EPI_ISL_717822, EPI_ISL_717823, EPI_ISL_717824, EPI_ISL_717825, EPI_ISL_717826, EPI_ISL_717827, EPI_ISL_717828, EPI_ISL_717829, EPI_ISL_717830, EPI_ISL_717823	Laboratorio de Virologia Molecular / UFRJ	Bioninformatics Laboratory / LNCC	Carolina M Vajoch, Ronaldo da Silva F Jr, Luiz G P de Almeida, Cynthia C Cardoso, Otavio Bustrioli, Alexandra L Garber, Ana Paula de C Guimarães, Diana Mariani, Andreia Cony Cavalcanti, Claudia dos Santos Rodrigues, Terezinha M P P Castilheira, Amílcar Tanuri, Ana Tereza R de Vasconcelos
EPI_ISL_721601	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Itokawa, Rina Tanaka, Messaroti Hashino, Makoto Kuroda
EPI_ISL_728187	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Min Mak, Sophie Ocarvia, Zhenyang Zhou, Lin Cui, Raymond Tze Pin Lin
see above	Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)	Laboratory of Respiratory Viruses and Masses, Oswaldo Cruz Institute, HOCORUZ	Paula Resende, Luciana Appolinario, Fernando Motta, Anna Carolina Paixão, Ana Carolina Mendonça, Tatiana Scharif Gregalini, Marilda Tereza Mar da Rosa, Marilda Saquetta
EPI_ISL_732052	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_732179, EPI_ISL_732180, EPI_ISL_732181, EPI_ISL_732183, EPI_ISL_732184, EPI_ISL_732282	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_732856, EPI_ISL_732909, EPI_ISL_732914	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Szymulski, Girazgoz Nowicki, Monika Makowska-Woniak, Jakub Grabowski, Natalia Druwka-Matejska, Ukasz Krych, Michal Kaszuba
EPI_ISL_733121	HELIX LLC	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ksenia Salina, Elena Nadeeva, Georgii Bazzykin, Dmitry Luzovov
EPI_ISL_733300	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ksenia Salina, Elena Nadeeva, Georgii Bazzykin, Dmitry Luzovov
EPI_ISL_734865	UZ Leuven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokelanga, Joan Marti-Caterras, Bert Vanmechelen, Piet Wases
EPI_ISL_735396	Hospital de Campiana COVID 19 SER	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735397	Unidade Respiratoria Nova Horrolandia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735398	Laboratorio Fleury	Instituto Adolfo Lutz, Interdisciplinary Procedures Center.	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_735399	Hospital Municipal Dr'Ignacio de gouvea	Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735400	Instituto Adolfo Lutz - Regional de Santos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735402, EPI_ISL_735403, EPI_ISL_735404	Instituto Adolfo Lutz - Regional de Rio Claro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735406	Unidade de Pronto Atendimento UFA Sta Isabel	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735408	COVID 19 Centro de Combate ao Coronavirus OCC Jandira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735409	Unidade de Pronto Atendimento Carlos Lourenco	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735411	Centro de Vigilancia a Saude de Diadema	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735412	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735413	Militeiro Centro de Diagnosticos e Biopesquisa Clinica	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735417	Unidade de Pronto Atendimento de Acajur de Campos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735419	UBS Avarenga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735421	UBS Sta Terezinha	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735422	UBS Damachi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735423, EPI_ISL_735424, EPI_ISL_735428	Centro de Vigilancia a Saude de Diadema	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735429, EPI_ISL_735431	Hospital Nipo Brasileiro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_735433	Posto de Atendimento Saude Cidade Pasc Cajati	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_736895	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sezizuka, Kenaro Itoakawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_745827, EPI_ISL_745885	Ginkgo Bioworks Clinical Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly Oakesson, Tara Gallagher, Michael T. Pyne E. Susan Siedtha, Melanie A. Malloy, Jeffrey B. Stevenson, Salkka M. Shakti, David R. Hilliard, Malika McKenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Pock, Becky Schilling, Martha Pierson, Rebecca Littlefield, Michelle Spencer, Birgitte Simen
EPI_ISL_746886	Genetica Molecular and Subdepartamento de Virologia (SP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Barbara Parra, Loredana Arata, Jaime Lagos, Giselle Barra, Patricia Bustos, Rodrigo Fasse, Andres Castillo, Jorge Fernandez
EPI_ISL_747237	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoon Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_754913	Laboratory Diagnostics and Clinical Immunology of Developmental Age, Medical University of Warsaw	genXone SA, Research & Development Laboratory, The Faculty of Mathematics, Informatics and Mechanics of the University of Warsaw	Maciej Sykulski, Grzegorz Nowicki, Monika Makowska-Wojcik, Jakub Grabowski, Natalia Dwiska-Matejska, ukasz Krych, Micha Kaszuba, Anna Gambin, Urszula Demkow
EPI_ISL_755640	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755641	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755643	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755644	Lab LOC - Itapeceira da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755646	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755660	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755655	Instituto Adolfo Lutz - Regional de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_760983	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_768652, EPI_ISL_768654, EPI_ISL_768709	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sezizuka, Kenaro Itoakawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_770555, EPI_ISL_770558, EPI_ISL_770562, EPI_ISL_770573, EPI_ISL_770579, EPI_ISL_770582, EPI_ISL_770583, EPI_ISL_770587, EPI_ISL_770623, EPI_ISL_770626, EPI_ISL_770627, EPI_ISL_770629	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Felipe Barites, Fernando Rosado Spilki, Alana Witt Hansen, Juliane Daise Fleck, Juliana Schrons, Merlane Demoliner, Ana Karolina Eisen Antunes, Fagner Henrique Heldt, Larissa Hellmann, Bruna Hellmann, Ana Luiza Ziulkoski, Victoria Goes, Karolina Schallenberg, Mathreus Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lamaca da Silva, Ronaldo da Silva F. Jr., Luiz G P de Almeida, Alexandra L Gebber, Ana Paula de C Guimarães, Ana Tereza R de Vasconcelos
EPI_ISL_776750, EPI_ISL_776752	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center.	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_776753, EPI_ISL_776755, EPI_ISL_776758	Instituto Adolfo Lutz - Regional de Manila	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			
EPI_ISL_776757, EPI_ISL_776758	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			
EPI_ISL_776761	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			
EPI_ISL_776764, EPI_ISL_776765, EPI_ISL_776768	Instituto Adolfo Lutz - Regional de Manila	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			
EPI_ISL_779156, EPI_ISL_779160, EPI_ISL_779161, EPI_ISL_779162, EPI_ISL_779163, EPI_ISL_779165, EPI_ISL_779166, EPI_ISL_779167, EPI_ISL_779168	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Bioinformatics Laboratory / LNCC			Felipe Barites, Fernando Rosado Spilki, Alana Witt Hansen, Juliana Daise Fleck, Juliana Schrons, Merlane Demoliner, Ana Carolina Eisen Antunes, Fagner Henrique Heldt, Larissa Mallmann, Bruna Herrmann, Ana Lutz Zulkoski, Victoria Goes, Karoline Schallenberg, Mathreus Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lameca da Silva, Ronaldo da Silva F. Jr., Lutz G P de Almeida, Alexandra L Gebber, Ana Paula de C Guimarães, Ana Tereza R de Vasconcelos
EPI_ISL_779207, EPI_ISL_779209, EPI_ISL_779210, EPI_ISL_779245, EPI_ISL_779246	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases			Tsuyoshi Seizuka, Kenryo Itohara, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_779617	Victorian Infectious Diseases Reference Laboratory (VDR/L)	VDR/L and MDU-PHL			Gay L., Seemann T., Salt, M.L., Druce J., Sherry, N.L.
EPI_ISL_790234	Houston Methodist Hospital	Houston Methodist Hospital			S. Wesley Long, Randall J. Olsen, Paul A. Christensen, David W. Bernard, James J. Davis, Maulik Shukla, Marcus Nguyen, Matthew Opeda Sawwada, Prasanti Venramilli, Layne Priddy, Sisir Subedi, Heather Hendrickson, and James W. Messer
EPI_ISL_792101, EPI_ISL_792102	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_792103	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_792104, EPI_ISL_792106, EPI_ISL_792107, EPI_ISL_792108, EPI_ISL_792109, EPI_ISL_792110, EPI_ISL_792111, EPI_ISL_792112, EPI_ISL_792113, EPI_ISL_792114	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_792115, EPI_ISL_792116	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_792605, EPI_ISL_792631, EPI_ISL_792633	LACEN-PR	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ			Paola Resende, Luciana Appolinario, Fernando Motta, Ana Carolina Paxoa, Ana Carolina Mendonça, João Felipe Bezerra, Romero Henrique Teixeira de Vasconcelos, Dalaine Loulida Floriano Teixeira, Thiago Franco de Oliveira Carneiro, Marilda Siqueira
EPI_ISL_792643	LACEN-AL	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ			Paola Resende, Luciana Appolinario, Fernando Motta, Ana Carolina Paxoa, Ana Carolina Mendonça, Anderson Brandão Leite, Marilda Siqueira
EPI_ISL_792647, EPI_ISL_792649, EPI_ISL_792653, EPI_ISL_792654	LACEN-PR	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ			Paola Resende, Luciana Appolinario, Fernando Motta, Ana Carolina Paxoa, Ana Carolina Mendonça, Ana Carolina Mendonça, Marilda Siqueira
EPI_ISL_798972	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium			The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800134	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium			Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_801386, EPI_ISL_801387, EPI_ISL_801388, EPI_ISL_801389, EPI_ISL_801390, EPI_ISL_801391, EPI_ISL_801392, EPI_ISL_801393, EPI_ISL_801394, EPI_ISL_801395, EPI_ISL_801396	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia			Valdineie Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Agatha Costa, Debora Duarte, Luciana Gonçalves, Maria Julia Brandão, Michele Jesus, Felipe Navera
EPI_ISL_801397, EPI_ISL_801398, EPI_ISL_801399, EPI_ISL_801400, EPI_ISL_801401, EPI_ISL_801402, EPI_ISL_801403	Laboratório Central de Saúde Pública do Amazonas - LACEN-AM	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia			Valdineie Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Agatha Costa, Debora Duarte, Luciana Gonçalves, Maria Julia Brandão, Michele Jesus, Felipe Navera
EPI_ISL_802105, EPI_ISL_802106	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program			Ana S. Gonzalez-Reiche, Hala Alshammery, Mitchell J. Sullivan, Brianne Clerici, Alay Ojha, Angèle Amokoh, Mahmoud Awawda, Elena Hirsch, Ashley S. Salimbanon, Levy Somnitsky, Katherine Beach, Kayla Russo, Charles Gleason, Sherice Fabre, Giulio Kleiner, Zehab Khan, Bierny Abunurque, Adriana van de Gucht, Komal Srivastava, Mathew M. Hernandez, Jayveela Dutta, Denise Jurczyszak, Emily Ferrel, Rachel Cheneil, Nancy Parcoueur, Betsaida Salom Melo, Ima Ousseno, Gintaras Deikus, Juan Seo, Shwetha Hara Sridhar, Ying-Chih Wang, Kathryn Twyman, Andrew Kasarskis, Deena R. Altman, Robert Sabra, Adolfo Garcia-Sastre, Maria Luksza, Gopi Patel, Sarah Schaefer, Melissa Gitman, Michael D. Nowak, Alberto Paniz-Mondolfi, Emilia Mla Sordilo, Viviana Simon, Harm van Bakel
EPI_ISL_814619	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium			Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cullitt, Harshil Patel, Margaret Crawford
EPI_ISL_831645, EPI_ISL_831660, EPI_ISL_831688, EPI_ISL_831689, EPI_ISL_831938, EPI_ISL_832009, EPI_ISL_832011	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Universidade Federal de Ciências da Saúde de Porto Alegre			Vinicius Bonetti Franceschi, Amanda de Menezes Mayer, Gabriel Dickinson Caldana, Caia Andreia Moreira Neves, Patricia Alinne Ferrazere, Gabriela Battaglia Cybis, Ricardo Aiel Zimerman, Livia Kretzsch, Fernando Rosado Spilki, Claudia Elizabeth Thompson
EPI_ISL_833131, EPI_ISL_833132, EPI_ISL_833133, EPI_ISL_833134	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia			Valdineie Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Agatha Costa, Debora Duarte, Karina Pessoa, Matilde Mejia, Luciana Gonçalves, Maria Julia Brandão, Michele Jesus, Felipe Navera
EPI_ISL_833152, EPI_ISL_833153, EPI_ISL_833154	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833156	Instituto Adolfo Lutz - Regional de Sorocaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833160	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833182	Lab LOC - Itapeceira da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_833165	Hospital Samaritano	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833168	DB Diagnosticos do Brasil	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_834755	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yuni Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_836765, EPI_ISL_836828	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_836978	Immandade de Santa Casa de Misericordia de Lorena	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_848611, EPI_ISL_848615, EPI_ISL_848617, EPI_ISL_848618, EPI_ISL_848619, EPI_ISL_848620, EPI_ISL_848621, EPI_ISL_848622, EPI_ISL_848623, EPI_ISL_848624, EPI_ISL_848628	see above	Erando Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_850198	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jim Kim
EPI_ISL_857239	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857679	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_860113	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenitaro Hokawa, Rina Taraka, Masanori Hashino, Makoto Kuroda
EPI_ISL_860285, EPI_ISL_860287	Department of Medical Microbiology, St. Olavs Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stone-Johansen, Kamilla Heddeland Inseiljord, Hilde Eisthaug, Alva R AllMarie Paulsen Madsen, Raamus Rlis Koppaerd, Hilde Volian, Karoline
EPI_ISL_861625, EPI_ISL_861626, EPI_ISL_861627	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861628	Laboratorio Municipal de Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861630, EPI_ISL_861631, EPI_ISL_861632, EPI_ISL_861633, EPI_ISL_861634	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861636	Hospital Geral de Sao Mateus Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861637	Hospital Nipo Brasileiro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861639	Hospital Sao Paulo de Espirito da Unifesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861640, EPI_ISL_861641	Hospital Municipal Dr. Moyses Deusch	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861643	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861644	Hospital Santa Virginia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861645	Hospital e Pronto Socorro Comunitario Vila Iolanda	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861646, EPI_ISL_861647	Hospital Santa Marcelina Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861648	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861649	Hospital Renascença Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861650	Hospital Santa Marcelina Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861652	AMA Warberio Dias da Costa	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861654	Hospital Santa Marcelina Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861656	UPA de Jaridira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861658	Hospital Municipal Antonio Giglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861660, EPI_ISL_861661	PS e Maternidade Nair Fonseca Leiteo Arantes	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861663	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861665	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861666	PSF Dr. Antonio Prass de Almeida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861667	Instituto Adolfo Lutz - Regional de Rio Claro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EPI_ISL_861671	Hospital Municipal Prefeito Waldemar Costa Filho	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861672	Day Hospital de Ermelino Matarazzo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
see above			
EPI_ISL_861914	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein Genomika Einstein	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	Dayvid Angaritan, Fernanda de Melo Malta, Raquel Riyuzo, Ana Paula Moreira Sales, Pedro Henrique Sebe Rodrigues, João Renato Rebelo Pinho
EPI_ISL_875048	Lighthouse Lab in Milton Keynes Instituto de Biotecnologia - UNESP-Botucatu-SP	Welcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Instituto de Biotecnologia - UNESP-Botucatu-SP	The Lighthouse Lab in Milton Keynes and Alex Aldeiro, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Welcome Sanger Institute COVID-19 Surveillance Team Leila Sabina Ulmann; Fábio Sossai Posselton, Camilla Dantas Malossi, Paula Rahal, Paulo Inacio da Costa, João Pessoa Araújo Jr.
EPI_ISL_875540, EPI_ISL_875541, EPI_ISL_875542, EPI_ISL_875543, EPI_ISL_875544, EPI_ISL_875545, EPI_ISL_875546, EPI_ISL_875547, EPI_ISL_875548, EPI_ISL_875549, EPI_ISL_875550	UCO Igiene e Sanità Pubblica, ASUIGI, Trieste, Italy: Laboratorio di Virologia Molecolare, ICGEB, Trieste, Italy	Laboratorio di Genomica ed Epigenomica sistema Argo, Area Sciencepark, Trieste, Italy:	Pierluirano D'Agaro, Danilo Licastro, Alessandro Marcello
EPI_ISL_882658	Secretaria Municipal de Saude Centro de Triagem Covid19	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882659	Hospital de Santa Barbara de Goias	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_888671, EPI_ISL_888672	Instituto de Biotecnologia - UNESP-Botucatu-SP KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Instituto de Biotecnologia - UNESP-Botucatu-SP KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Leila Sabina Ulmann; Fábio Sossai Posselton, Camilla Dantas Malossi, Paula Rahal, Paulo Inacio da Costa, João Pessoa Araújo Jr. Tony Wawina-Bokelanga, Bert Varmmechelen, Joan Martí-Carerras, Piet Wases
EPI_ISL_890322	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Krisen St. George, Daryl M. Lamson, Alexis Rusevi, Matthew Shurt, Melissa Al. Leisner, Jonathan Pihlchik, Navid Singh, John Kelly, Erasmus Schneider, Erica Lesek-Nesselquist
EPI_ISL_896351	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Tokawa, Rima Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_901893, EPI_ISL_901894	Hospital Nipo Brasileiro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906066	PS e Maternidade Nair Fonseca Leilao Arames	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906067	LACEN - Laboratório Central de Saude Publica do Para Evandro Chagas Institute	Evandro Chagas Institute Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C. Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918515	LACEN - Laboratório Central de Saude Publica do Amazonas	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918518	Regional Virus Laboratory, Belkiss Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Feeney, Alison Wait, Ciara Cox, Mairead Connor, Zolhan Molnar, David Simpson, Derek Fairley
EPI_ISL_918531, EPI_ISL_918532, EPI_ISL_918533, EPI_ISL_918534	LACEN - Laboratório Central de Saude Publica do Amazonas	Evandro Chagas Institute Virology State Center for Health Surveillance of the Health Department of the State of Rio Grande do Sul(CEVS_SSS-RS)	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C. Barcellos R, Campos A, Dornelles C, Godinho F, Gonzales A, Gregianni T, Molina C, Savaio R, Sauraubh A
EPI_ISL_920984	LACEN - Laboratório Central de Saude Publica do Amazonas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_925916, EPI_ISL_926446	LACEN - Laboratório Central de Saude Publica do Amazonas Central Laboratory of Public Health of Rio Grande do Sul(Lacem_RS)	Evandro Chagas Institute Virology State Center for Health Surveillance of the Health Department of the State of Rio Grande do Sul(CEVS_SSS-RS)	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C. Barcellos R, Campos A, Dornelles C, Godinho F, Gonzales A, Gregianni T, Molina C, Savaio R, Sauraubh A
EPI_ISL_930856, EPI_ISL_930857	LACEN - Laboratório Central de Saude Publica do Amazonas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940608	Centers for Disease Control and Prevention, Dengue Branch	Centers for Disease Control and Prevention, Dengue Branch	Gilberto A, Santiago, Glenda Gonzalez, Betzabel Flores, Keyla Charriez, Gabriela Paz-Bailey, Jorge L, Munoz-Jordan
EPI_ISL_940924	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_941550, EPI_ISL_941552	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_941896	LACEN_RS	CEVS_SSS_RS	Borges et al
EPI_ISL_942898	Lacem_RS	State Center for Health Surveillance, Rio Grande do Sul State Secretary of Health	Barcellos R, Campos A, Crescente L, Da Silva A, Dornelles C, Fonseca V, Garay L, Godinho F, Gonzales A, Gregianni T, Molina C, Savaio R, Sauraubh A
EPI_ISL_943581, EPI_ISL_943584, EPI_ISL_943609	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Aline Campos, Amanda da Silva, Aneilise Schaurich, Claudia Dornelles, Cyrrilla Molina, Fernanda Godinho, Lara Cresceme, Letícia Gary, Regina Barcellos, Richard Savaio, Tatiana Gregianni, Vagner Fonseca
EPI_ISL_943974, EPI_ISL_943975, EPI_ISL_943976, EPI_ISL_943977, EPI_ISL_943978, EPI_ISL_943979, EPI_ISL_943981, EPI_ISL_943983, EPI_ISL_943985	LACEN do Estado de Goias	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943988	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943991	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_951192	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grateda uP, Cisneros-Villanueva M, Cedro-Tanda A, Penaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_960776	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	João Costa, João Sobral, Maria Costa, Susana Ladeira, Cathy Paulino, Ricardo Leite
EPI_ISL_976990, EPI_ISL_976998	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Lemieux, J.E., Siddle, K.J., Adams, G., Gladden, Young, A., Lagerborg, K., Rudy, M., DeHuff, K., Carter, A., Norman, E., Bauer, M., Reilly, S., Tomkins-Tinch, C., Lorch, C., Chaluvadi, S., Biren, B. W., Gallagher, G., Smole, S., Park, D. J., Madhans, B. L., and Sebelf, P. C.
EPI_ISL_977471	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

EP1_ISL_977472, EP1_ISL_977473, EP1_ISL_977474	Instituto Adolfo Lutz Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_977475	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_977476	Instituto Adolfo Lutz Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_977478, EP1_ISL_977480, EP1_ISL_977481	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_977483, EP1_ISL_977484	Instituto Adolfo Lutz Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_977485, EP1_ISL_977488	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos

We gratefully acknowledge the following Authors from the Originating laboratories responsible for obtaining the specimens, as well as the Submitting laboratories where the genome data were generated and shared via GISAID, on which this research is based.

All Submitters of data may be contacted directly via www.gisaid.org

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_414014	Hospital Israelita Albert Einstein	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Kalia Correia dos Santos, Carlos Henrique Camargo, Maria do Carmo Sampaio Tavares Timenetsky, Terezinha Maria de Paiva, Ester Cerdiera Sabino
EPI_ISL_414017	Hospital São Joaquim Beneficência Portuguesa	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Fabiana Cristina Pereira dos Santos, Carlos Henrique Camargo, Maria do Carmo Sampaio Tavares Timenetsky, Daniela Bernardes Borges da Silva, Terezinha Maria de Paiva, Ester Cerdiera Sabino
EPI_ISL_416028	National Influenza Center - Instituto Adolfo Lutz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Carlos Henrique Camargo, Fabiana Cristina Pereira dos Santos, Daniela Bernardes Borges da Silva, Simone Guadagnucci Morillo, Adriano Abdud, Adriana Blugno, Maria do Carmo Sampaio Tavares Timenetsky, Terezinha Maria de Paiva

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_872191, EPI_ISL_872192	Conjunto Hospital do Mandaguai de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Kalia Correa de Oliveira Santos, Ana Lucia de Carvalho Avelino, Fabiana Cristina Pereira dos Santos
EPI_ISL_873257	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorenz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_875566, EPI_ISL_875567, EPI_ISL_875568	SIESP LAQUILA	Istituto Zoonofilatico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marasci M, Di Domenico M, Ancora M, Curri V, Mangone I, Finaidi A, Scialabba S, Di Pasquale A, Gamma C, Puglia I, Calisti P, Savini G
EPI_ISL_875688	National Influenza Center - Instituto Adolfo Lutz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Kalia Correa de Oliveira Santos, Ana Lucia de Carvalho Avelino, Clovis Roberto Abe Constantino
EPI_ISL_875689	Hospital do Servidor Publico	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_877769	Department of Veterinary Science, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sakizuka, Keita Ishijima, Yuda Kuroda, Ken Maeda, Kenao Hokawa, Makoto Kuroda
EPI_ISL_904120, EPI_ISL_904121	LACEN - Laboratorio Central de Saude Publica do Para	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_906068, EPI_ISL_906069	Instituto Adolfo Lutz - Regional de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906071	LACEN-PI DR, Costa Alvaenga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906075	Hospital Geral de Via Penteado Dr. Jose Fangelia Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906076, EPI_ISL_906077	Hospital Sao Luiz Sao Caetano	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_906080, EPI_ISL_906081	Hospital Beneficencia Portuguesa	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_913587	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorenz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_918499, EPI_ISL_918500, EPI_ISL_918501, EPI_ISL_918502, EPI_ISL_918503, EPI_ISL_918504, EPI_ISL_918505, EPI_ISL_918506, EPI_ISL_918507, EPI_ISL_918508, EPI_ISL_918509, EPI_ISL_918510, EPI_ISL_918511	LACEN - Laboratorio Central de Saude Publica do Amazonas	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_925031, EPI_ISL_925032	Miralis	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Rigue, Quentin Semanas, Marine Valette, Bruno Lina, Laurence Josset
EPI_ISL_940614, EPI_ISL_940615, EPI_ISL_940616, EPI_ISL_940617, EPI_ISL_940618	LACEN-PI DR, Costa Alvaenga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940619, EPI_ISL_940620, EPI_ISL_940621, EPI_ISL_940622, EPI_ISL_940623, EPI_ISL_940624, EPI_ISL_940625	Hospital Sao Joaquin - Beneficencia Portuguesa	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940626, EPI_ISL_940627	Hospital Central Sao Caetano do Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940630	Hospital Geral de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943045, EPI_ISL_943046	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cramer, Sharon van den Brink, Bas van der Veer, ArneMieke van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Heusken, on behalf of the national COVID-19 response team
EPI_ISL_943570	Laboratorio de Referencia Nacional de Virus Respiratorio, Instituto Nacional de Salud Peru	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular, Instituto Nacional de Salud Peru	Carlos Padilla Rojas, Karolyn Vega Chozo, Luis Barceña, Píscala Lopa Pati, Omar Caceres Rey, Marco Galeza Perez, Maribel Huaranga Nuñez, Johanna Balbuena Torrez, Haniel Balon Calderon, Nancy Rojas Serrano
EPI_ISL_943967, EPI_ISL_943968, EPI_ISL_943969, EPI_ISL_943970, EPI_ISL_943971	Hospital Geral de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943987	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943990	LACEN do Estado de Goias	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gongcalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_956287, EPI_ISL_956289, EPI_ISL_956297	Instituto Nacional de Saude- Direccion de Redes de Laboratorios de Saude Publica	Instituto Nacional de Saude- Direccion de Investigacion en Saude Publica	Katherine Laton-Donato, Diego A. Alvarez-Diaz, Carla Franco-Munoz, Mauricio Pacheco-Monrealguez, Hector Alejandro Ruiz-Moreno, Maria T. Herrera-Sapulveda, Diego Andres Prada, Thomazan Reanes-Gonzalez, Sheryll Corchuelo, Julian Nizazague, Gerardo Santamaría, Magdalena Wiesner, Mariana Lucia Ospina Martinez, Marcela Mercado-Reyes

We gratefully acknowledge the following Authors from the Originating laboratories responsible for obtaining the specimens, as well as the Submitting laboratories where the genome data were generated and shared via GISAID, on which this research is based.

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_677211, EPI_ISL_677212	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCIS
EPI_ISL_683969	DOHMH Morbidity	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_717921, EPI_ISL_717922, EPI_ISL_717924, EPI_ISL_717925, EPI_ISL_717926, EPI_ISL_717927, EPI_ISL_717928, EPI_ISL_717929, EPI_ISL_717930, EPI_ISL_717931, EPI_ISL_717932, EPI_ISL_717933, EPI_ISL_717934, EPI_ISL_717935, EPI_ISL_717936, EPI_ISL_717937, EPI_ISL_717938, EPI_ISL_717939, EPI_ISL_717940, EPI_ISL_717941, EPI_ISL_717942, EPI_ISL_717943, EPI_ISL_717944, EPI_ISL_717945, EPI_ISL_717946, EPI_ISL_717947, EPI_ISL_717948, EPI_ISL_717949, EPI_ISL_717950, EPI_ISL_717951, EPI_ISL_717952, EPI_ISL_717953, EPI_ISL_717954, EPI_ISL_717955, EPI_ISL_717956, EPI_ISL_717957	Laboratorio de Virologia Molecular / UFRJ	Bioinformatics Laboratory / LNCC	Carolina M. Voloch, Ronaldo da Silva F. Jr., Lutz G P de Almeida, Cynthia C Cardoso, Otavio Buissoni, Alexandra L Garber, Ana Paula de C Guimarães, Diana Mariani, Andraea Cory Cavalcanti, Claudia dos Santos Rodrigues, Terezinha M P P de Castro, Ana Tereza R de Vasconcelos
EPI_ISL_718344	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Somé Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_723494	Virginia Division of Consolidated Laboratory Services (DCIS)	Virginia Division of Consolidated Laboratory Services (DCIS)	Virginia DCIS
EPI_ISL_729285, EPI_ISL_729310	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Parityk Aftanas, Hooman Derakhshani, Angel L. Kuganya Nimalaratne, Emily Panousis, Ahmed Driala, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_731736	Lighthouse Lab in Adelaide Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Adelaide Park, and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_736906	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Tokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_741517	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedin, Anastasia Kotva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Raed Alkhatib, Lizzie Meadows, Rachel Stanley, Nguzi Erunjo, Muhammad Tasir, Nicholas J. Thomson, Alexander J. Trotter, Rachel Gilly, Samuel Bloomfield, Claire Stuart, Andrew Bell, Heenesh Prakash, Sami Derisevic, Alison E. Walter, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_751195	UCSD EXCITE lab	Andersen lab at Scripps Research	SEARHC Alliance San Diego
EPI_ISL_755642	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valéssia Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755645	Lab LOC - Ispocerica da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valéssia Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755653, EPI_ISL_755653	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valéssia Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755696, EPI_ISL_755699	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Parityk Aftanas, Hooman Derakhshani, Angel L. Kuganya Nimalaratne, Emily Panousis, Ahmed Driala, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
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EPI_ISL_762436, EPI_ISL_762502	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_768702, EPI_ISL_768705	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kenaro Tokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_770562, EPI_ISL_770563, EPI_ISL_770564, EPI_ISL_770565, EPI_ISL_770566, EPI_ISL_770568, EPI_ISL_770570, EPI_ISL_770571, EPI_ISL_770572, EPI_ISL_770573, EPI_ISL_770579, EPI_ISL_770580, EPI_ISL_770581, EPI_ISL_770583, EPI_ISL_770584, EPI_ISL_770587, EPI_ISL_770588, EPI_ISL_770591, EPI_ISL_770592, EPI_ISL_770593, EPI_ISL_770594, EPI_ISL_770595, EPI_ISL_770596, EPI_ISL_770602, EPI_ISL_770603, EPI_ISL_770604, EPI_ISL_770605, EPI_ISL_770606, EPI_ISL_770607, EPI_ISL_770616, EPI_ISL_770617, EPI_ISL_770618, EPI_ISL_770620, EPI_ISL_770621, EPI_ISL_770622, EPI_ISL_770624, EPI_ISL_770625, EPI_ISL_770628	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Bioinformatics Laboratory / LNCC	Felipe Bentes, Fernando Rosado Spilki, Alana Witt Hansen, Juliane Deise Fleck, Juliana Schorns, Merlane Demoliner, Ana Karolina Eisen Antunes, Fagner Henrique Heidl, Larissa Malinam, Bruna Heilmann, Ana Luiza Zukowski, Victoria Goes, Karoline Schlielbenberger, Mathias Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lamarea da Silva, Ronaldo da Silva F. Jr., Lutz G P de Almeida, Alexandra L Garber, Ana Paula de C Guimarães, Ana Tereza R de Vasconcelos
see above	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Bioinformatics Laboratory / LNCC	Felipe Bentes, Fernando Rosado Spilki, Alana Witt Hansen, Juliane Deise Fleck, Juliana Schorns, Merlane Demoliner, Ana Karolina Eisen Antunes, Fagner Henrique Heidl, Larissa Malinam, Bruna Heilmann, Ana Luiza Zukowski, Victoria Goes, Karoline Schlielbenberger, Mathias Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lamarea da Silva, Ronaldo da Silva F. Jr., Lutz G P de Almeida, Alexandra L Garber, Ana Paula de C Guimarães, Ana Tereza R de Vasconcelos
EPI_ISL_775328, EPI_ISL_775329	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Steen-Johansen, Kamilla Heddeland Insetjord, Hilde Eishaug, Aiva R Allmarie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volian, Karoline Baumeister E., Avago M. Benedetti E., Russo M., Dattico ME, Ponorio A, Cisterna D., Molina V., Ferandoss C., Tudiri E., Lorenzo F., Poklepojich T., Campos J.
EPI_ISL_775330	Servicio Virosis Respiratorias-Departamento Virología-INEI	Instituto Nacional Enfermedades Infecciosas C.G. Malbrán	Baummeister E., Avago M., Benedetti E., Russo M., Dattico ME, Ponorio A, Cisterna D., Molina V., Ferandoss C., Tudiri E., Lorenzo F., Poklepojich T., Campos J.
EPI_ISL_778843	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Bioinformatics Laboratory / LNCC	Felipe Bentes, Fernando Rosado Spilki, Alana Witt Hansen, Juliane Deise Fleck, Juliana Schorns, Merlane Demoliner, Ana Karolina Eisen Antunes, Fagner Henrique Heidl, Larissa Malinam, Bruna Heilmann, Ana Luiza Zukowski, Victoria Goes, Karoline Schlielbenberger, Mathias Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lamarea da Silva, Ronaldo da Silva F. Jr., Lutz G P de Almeida, Alexandra L Garber, Ana Paula de C Guimarães, Ana Tereza R de Vasconcelos
EPI_ISL_791502, EPI_ISL_791511	The Hospital for Sick Children	The Hospital for Sick Children	Aaron Campigotto, Christian Marshall, Lynette Lau
EPI_ISL_792522, EPI_ISL_792523	Laboratorio de Virologia del Hospital de Niños Dr. Ricardo Gutiérrez	Grupo de Genómica y Bioinformática del Instituto de Investigación de la Cadena Láctica CONICET-INIA on behalf of Proyecto Argentino Institucional de genómica de SARS-CoV-2 (PAIS Consortium)	Anaadio, A.F. Eberhardt, M.F. Iracequi, M. Torres, C. Aulicino, P. König, G. Acevedo, M.E. Alvarez Lopez, C. Alexay, S. Jacques, C. Mischchenko, A.S. Goya, S. Nabatsas Jodar, M.S. Viegas, M.
EPI_ISL_792524	Laboratorio de Virologia del Hospital de Niños Dr. Ricardo Gutiérrez	Grupo de Genómica y Bioinformática del Instituto de Investigación de la Cadena Láctica CONICET-INIA on behalf of Proyecto Argentino Institucional de genómica de SARS-CoV-2 (PAIS Consortium)	Anaadio, A.F. Eberhardt, M.F. Iracequi, M. Torres, C. Aulicino, P. König, G. Acevedo, M.E. Alvarez Lopez, C. Alexay, S. Jacques, C. Mischchenko, A.S. Goya, S. Nabatsas Jodar, M.S. Viegas, M.
EPI_ISL_792525	Laboratorio del Hospital Interzonal General de Agudos Evita	Grupo de Genómica y Bioinformática del Instituto de Investigación de la Cadena Láctica CONICET-INIA on behalf of Proyecto Argentino Institucional de genómica de SARS-CoV-2 (PAIS Consortium)	Anaadio, A.F. Eberhardt, M.F. Iracequi, M. Torres, C. Aulicino, P. König, G. Acevedo, M.E. Alvarez Lopez, C. Alexay, S. Jacques, C. Mischchenko, A.S. Goya, S. Nabatsas Jodar, M.S. Viegas, M.
EPI_ISL_792560	Laboratorio de Ecología de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratório de Ecologia de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Valdineie Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Agatha Costa, Karina Passosa, Debora Duarte, Luciana Gonçalves, Maria Julia Brandão, Michele Jesus, Felipe Naveca
EPI_ISL_792562, EPI_ISL_792634	LACEN-PPB	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz	Paola Resende, Luciana Appolinario, Fernando Wotta, Ana Carolina Paxão, Ana Carolina Mendonça, João Felipe Bezerra, Romero Henrique Teixeira de

EPI_ISL_792635	LACEN-AL	Institute, FIOCRUZ	Vasconcelos, Dalaine Louladi Florentino Teixeira, Thiago Franco de Oliveira Carneiro, Marilda Siqueira
EPI_ISL_792639	LACEN-PR	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Ana Carolina Paixao, Ana Carolina Mendonca, Anderson Brandao Leite, Marilda Siqueira
EPI_ISL_792646, EPI_ISL_792650, EPI_ISL_792651, EPI_ISL_792652	Lighthouse Lab in Cambridge	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Ana Carolina Paixao, Ana Carolina Mendonca, Maria do Carmo Debur, Irina Nastassja Riediger, Marilda Siqueira
EPI_ISL_796815	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Abdeley Park and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillince on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_798217	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Gonçalves, Ewan Harrison, David K Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillince on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_815666, EPI_ISL_815667	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Abertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_817064	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cuhli, Harshil Patel, Margaret Crawford
EPI_ISL_818010	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Abertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_832010	Laboratorio de Microbiologia Molecular - Universidade FEDERAL	Universidade Federal de Ciências da Saúde de Porto Alegre	Vincius Bonetti Franceschi, Amanda de Moraes Mayer, Gabriela Diklin Galdana, Carla Andrietta Moreira Neves, Patricia Aline Gröts Ferreira, Gabriela Bertella Cyrys, Ricardo Anei Zimmerman, Livia Khrzevski, Fernando Rossato Spiki, Claudia Elizabeth Thompson
EPI_ISL_832289	DOHMH Morristama	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_833158	Instituto Adolfo Lutz - Regional de Santo André	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833161	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_836143	Hospital de Campanha COVID-19 de Matipora	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_836877	Hospital Municipal Dr. Jose de Carvalho Florence	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_837236	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_842052	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scallott, Sharon Glaysher, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wylie, Ethan Bucher, Anoop Chaturhan, Samuel Robson
EPI_ISL_843260	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Abertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_845768	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Plantadosi Lab, Emory Department of Pathology	Ahmed Bahiker, Aime Plantadosi
EPI_ISL_848196, EPI_ISL_848197, EPI_ISL_848606, EPI_ISL_848607, EPI_ISL_848608	Microbiology Lab	NBCC Sequencing Facility	Dr. Jeff Wraha
EPI_ISL_851030	Erando Chagas Institute	Erando Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Bandegalata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_861475	Gundersen Molecular Diagnostics Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwanit Batra, Ben L. Rambo-Martin Elean de Feo, Yan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Slicker, Jingqiao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Llewain, Kelly Schaboor Barrett, Elizabeth Crutli, Alexandre Boize, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Eren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_861668	Centro de Triagem Covid19	Kabara Cancer Research Institute	Craig S. Richmond, Parati A. Kerry
EPI_ISL_861674, EPI_ISL_861675	UPA Central de Caraguatatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861676	UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861677	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861679	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861683	Complexo Hospitalar Padre Bento de Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861684, EPI_ISL_861685	Hospital Pronto Socorro Itaquera	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Saechli, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861870, EPI_ISL_861871, EPI_ISL_861872, EPI_ISL_861877, EPI_ISL_861878, EPI_ISL_861880, EPI_ISL_861882, EPI_ISL_861883, EPI_ISL_861887, EPI_ISL_861904	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	David Angarsten, Fernanda de Mello Malta, Raquel Riyuzo, Ana Paula Moreira Sales, Pedro Henrique Saba Rodrigues, João Renato Rebelo Pinho
EPI_ISL_870615, EPI_ISL_870724	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_873180	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun
EPI_ISL_875350, EPI_ISL_875352	National Virus Reference Laboratory	National Virus Reference Laboratory	Floraes H., Freeman J.
EPI_ISL_875687	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; UCO Igiene e Sanità Pubblica, ASUGI,	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Pierluotaro Di Agaro, Ludovica Segati, Danilo Licastro, Alessandro Marcollo, Manuela Marra, Maria Carolina, Marco Crescenzi

EP1_ISL_875751, EP1_ISL_875798	Public Health Ontario Laboratory	Public Health Ontario Laboratory	Public Health Ontario Laboratory	Vanessa G Allen, Phillip Barth, Yao Chen, Richard de Boer, Alizea Estaghli, Manuel Fitzkeid, Christine Franz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heiser, Esna Jushi, Michael Laszofy, Alvin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaratan, Ashleigh Sullivan, Yogi Sundaravadaman, Sarah Teator, Matthew Wilson, Andre Villegas, Sandra Zittermann
EP1_ISL_878666	Rady's Childrens Hospital	Andersen lab at Scripps Research	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_882657	LACEN do Estado do Piauí, Dr. Costa Alvarenga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_882668	UMS de Juquitha	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_882669	UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_882671, EP1_ISL_882673	Hospital Municipal Dr. Guido Guida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_884002	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeene, Sylvie van der Werf, Rousselet Dominique
EP1_ISL_886066, EP1_ISL_886148	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeene, Sylvie van der Werf, Rousselet Dominique
EP1_ISL_886166, EP1_ISL_886167, EP1_ISL_886168	Lighthouse Lab in Akeley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Jacquelin Wynn, Mairead Hyland, The Lighthouse Lab in Akeley Park and Alex Aberton, Roberto Arabo, Sonia Gonçalves, Ewan Harrison, David K Jackson, Ian Johnson, Dominic Kwiatkowski, Cordelia Langford, John Shiloe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EP1_ISL_890353	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeene, Sylvie van der Werf, Rousselet Dominique
EP1_ISL_892624	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kristen St. George, Daryl M. Lamson, Alexis Ruseai, Matthew Shurt, Melissa A Leisner, Jonathan Pihnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lesak-Nesslequist
EP1_ISL_897698, EP1_ISL_897700	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Gonçalves, Laurent Kaiser, Lorenzo Cecutti, Henri Pegonet, Mélyssa Elies, Deborah Peret, Keith Harshman, Ioannis Xenarios, Emanuel Dermizakis
EP1_ISL_899553	Voilier AG	Department of Biosystems Science and Engineering, ETH Zürich	Department of Biosystems Science and Engineering, ETH Zürich	Christian Besei, Sarah Nedea, Chaocan Chen, Yuan Tonboily, Philipp Jablonksi, Lara Furmann, David Derfuss, Katharina John Tobias Schär, Ina Nissen, Natascha Sarntinoranont, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Koenig, Christoph Koppert, Sophie Seidel, Neemie Santamaria de Souza, Niko Beersemmickel, Tanja Stadler
EP1_ISL_903554, EP1_ISL_903564	Quest Diagnostics	Quest Diagnostics	Quest Diagnostics	Rosenthal, S.H., Gerasimova A., Kagan R.M., Anderson B., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shvachker, I.A., Owen, R., Tappaloon, P., Lachawan, F.
EP1_ISL_904827, EP1_ISL_904838	Dutch COVID-19 response team	National Institute for Public-Health and the Environment (RIVM)	National Institute for Public-Health and the Environment (RIVM)	Adam Meijer, Henry Vermeera, Dirk Eggink, Jeroen Cremer, Sharon van den Brik, Bas van der Veer, Anneliekla van den Brandt, Florian Zwagemaker, Dennis Schmitz, Oriantal Heusken, on behalf of the national COVID-19 response team
EP1_ISL_906070, EP1_ISL_906072	UPA Dr. Aíra Tada	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EP1_ISL_906146	Gundersen Molecular/Diagnostics Laboratory	Kabara Cancer Research Institute	Kabara Cancer Research Institute	Craig S. Richmond, Parat C. Kenny
EP1_ISL_906972	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Rosenthal, S.H., Gerasimova, A., Kagan, R.M., Anderson, B., Bernstein, L.E., Livingston, K.E., Hua, M., Liu, Y., Shalhout, D.F., Owen, R., Lachawan, F.
EP1_ISL_912885	Hopital Henri Mondror	Department of Virology, Henri Mondror University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Creteil, INSERM U935	Department of Virology, Henri Mondror University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Creteil, INSERM U935	Christophe Rodriguez, Slim Fouat, Vanessa Demontant, Guillaume Gircourt, Weissa N'Deoi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EP1_ISL_913445	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Mijuel A Tarrazos Mirni, Cora Stäger, Pascal Bittel, Steffen L Leib, Peter Keller, Franziska Suter-Frinker, Alban Ramette
EP1_ISL_913575	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EP1_ISL_914708	Maryland Public Health Laboratory (MD-PHL)	Maryland Public Health Laboratory (MD-PHL)	Maryland Public Health Laboratory (MD-PHL)	Rosenthal, S.H., Gerasimova, A., Kagan, R.M., Anderson, B., Hua, M., Liu, Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shvachker, I.A., Owen, R., Tappaloon, P., Lachawan, F.
EP1_ISL_915250, EP1_ISL_915327	Quest Diagnostics	Quest Diagnostics	Quest Diagnostics	Rosenthal, S.H., Gerasimova, A., Kagan, R.M., Anderson, B., Hua, M., Liu, Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shvachker, I.A., Owen, R., Tappaloon, P., Lachawan, F.
EP1_ISL_916514	Evandro Chagas Institute	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918516, EP1_ISL_918517	LACEN - Laboratório Central de Saúde Pública do Para	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918519, EP1_ISL_918520	LACEN - Laboratório Central de Saúde Pública do Ceara	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918521	Evandro Chagas Institute	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918523, EP1_ISL_918526, EP1_ISL_918527, EP1_ISL_918528, EP1_ISL_918529, EP1_ISL_918530	LACEN - Laboratório Central de Saúde Pública do Para	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918534	LACEN - Laboratório Central de Saúde Pública do Amazonas	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918536, EP1_ISL_918537, EP1_ISL_918538, EP1_ISL_918539, EP1_ISL_918540, EP1_ISL_918541, EP1_ISL_918542, EP1_ISL_918543, EP1_ISL_918544	LACEN - Laboratório Central de Saúde Pública do Ceara	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918546, EP1_ISL_918546, EP1_ISL_918547, EP1_ISL_918548, EP1_ISL_918549, EP1_ISL_918552	LACEN - Laboratório Central de Saúde Pública do Para	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_918553, EP1_ISL_918555, EP1_ISL_918556, EP1_ISL_918557, EP1_ISL_918558, EP1_ISL_918559, EP1_ISL_918560, EP1_ISL_918561	LACEN - Laboratório Central de Saúde Pública do Amapa	Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbogaglia, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EP1_ISL_924202	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and	COVID-19 Genomics UK (COG-UK) Consortium	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adil Anjyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Carlad Evans

	Cardiovascular Disease, The Medical School, University of Sheffield	Virginia DCLS				
EPI_ISL_925204		New Mexico Department of Health Scientific Laboratory	Virginia DCLS			
EPI_ISL_925253		New Mexico Department of Health Scientific Laboratory	Aalborg University			Ellie Johnson, Anastacia Giego-Fisher, Deirdra Malone, Jennifer Benoit
EPI_ISL_928027, EPI_ISL_928257	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark		Maryland Public Health Laboratory (MD PHL)			Danish Covid-19 Genome Consortium
EPI_ISL_931489			National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Maryland Department of Health Laboratories Administration
EPI_ISL_935547	Labo Analyses Med		Wadsworth Center, New York State Department of Health			Ramon Lorenzo-Felardo, Lacy M. Simons, Chad Y. Achenbach, Lawrence J. Jennings, Michael G. Ison, Judd F. Hulquist, Egon A. Ozer
EPI_ISL_936295	MONTEFIORE MEDICAL CENTER LABORATORIES		Ozer Lab			Malik N., Dewey H., and Tenney R.
EPI_ISL_936986	Northwestern Memorial Hospital		Tenney Lab, The Jackson Laboratory			
EPI_ISL_937443, EPI_ISL_937444	Maine Health and Environmental Testing Laboratory (Maine HETL)		Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			
EPI_ISL_940628	Unidade Mista de Guape		Virginia DCLS			Claudio Tavares Saechi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940840	Virginia DCLS		Instituto Nacional de Saude (INSA)			Virginia DCLS
EPI_ISL_941471, EPI_ISL_941492	Instituto Nacional de Saude (INSA)		Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)			Borges et al
EPI_ISL_941827	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)		University Hospital Basel, Clinical Bacteriology			Borges et al
EPI_ISL_942376	Vollter AG		Virginia DCLS			
EPI_ISL_942395	Virginia DCLS		University Hospital Basel, Clinical Bacteriology			
EPI_ISL_942406	Vollter AG		National Institute for Public Health and the Environment (RIVA)			Tim Hoelt, Madlen Stange, Helena MB Seif-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bleickl, Christiane Beckmann, Manuel Bategay, Hans Hirsch, Virginia DCLS
EPI_ISL_943102, EPI_ISL_943448	Dutch COVID-19 response team		State Center for Health Surveillance, Rio Grande do Sul State Secretary of Health			Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Bink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Charalé Reusken, on behalf of the national COVID-19 response team
EPI_ISL_943498, EPI_ISL_943499	Lacem_RS		Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Aline Campos, Amanda da Silva, Anelise Schaurich, Claudia Domelles, Cynthia Molina, Fernando Godinho, Lara Crescanto, Letícia Garay, Regina Barcelos, Richard Sarvaio, Tatiana Greggianni, Vagner Fonseca
EPI_ISL_943610	LACEN do Estado de Tocantins		Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory			Claudio Tavares Saechi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943986	LACEN do Estado de Goiás		Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia			Claudio Tavares Saechi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943989			Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium			Suppliah J, Kamel K, Azzam MA, Thayer R
EPI_ISL_944096	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia		COVID-19 Genomics UK (COG-UK) Consortium			
EPI_ISL_946900	Lighthouse Lab in Abertley Park		COVID-19 Genomics UK (COG-UK) Consortium			
EPI_ISL_949646	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh		COVID-19 Genomics UK (COG-UK) Consortium			
EPI_ISL_951071	Okord Vironics, NDM, University of Oxford, Oxford University Hospitals, Beasingstone and North Hampshire Hospital		COVID-19 Genomics UK (COG-UK) Consortium			
EPI_ISL_952611, EPI_ISL_952645	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Tanya Goldzhtik, David Bornsall, George Mochlyve, Amy Trebes, Mariateresa de Cesare, Cathrì Moore, Alex Mobbs, Ania Justice, Robert Shaw, Monique Andersson, Timothy Peio, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mott, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_954058	Ourte Wer		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Angela Beckett, Salman Goudarzi, Christopher Fern, Kate Cook, Katie Lovesson, Sharon Glysters, Scott Elliott, Samuel Robson
EPI_ISL_954070	Labo Analyses Med		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Marion Barbet, Sylvie Behilli, Méline Bizard, Angela Bribesbarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeine, Sylvie van der Werf, Rousset Dominique
EPI_ISL_954074, EPI_ISL_954075	Ourte Wer		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Marion Barbet, Sylvie Behilli, Méline Bizard, Angela Bribesbarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeine, Sylvie van der Werf, Rousset Dominique
EPI_ISL_954086, EPI_ISL_954089	Lighthouse Lab in Milton Keynes		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Marion Barbet, Sylvie Behilli, Méline Bizard, Angela Bribesbarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeine, Sylvie van der Werf, Rousset Dominique
EPI_ISL_954109	Virginia Division of Consolidated Laboratory Services		National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris			Marion Barbet, Sylvie Behilli, Méline Bizard, Angela Bribesbarre, Camille Capel, Etienne Simon-Lorière, Vincent Enout, Maud Vanpeeine, Sylvie van der Werf, Rousset Dominique
EPI_ISL_960212	Germano de souza		Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium			The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance 1 team
EPI_ISL_960728	Germano de souza		Instituto Gulbenkian de Ciencia			Virginia DCLS
EPI_ISL_960829	Germano de souza		Instituto Gulbenkian de Ciencia			Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeira, Ricardo Leite
EPI_ISL_962392, EPI_ISL_962370	Hospital Universitario de Gran Canaria Dr. Negrín		SeqCOVID-SPAIN consortium(MBV/CISIC)			M. Carmen Perez González, Francisco J. Chamizo Lopez, Ana Bordas Benítez and SeqCOVID-SPAIN consortium
EPI_ISL_962611	Public Health Ontario Laboratory		Public Health Ontario Laboratory			Vanessa G. Allen, Phillip Bann, Yao Chen, Richard de Boer, Aliceza Esquivel, Nabunel Fitriadi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heister, Esna Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Santir N Patel, Jared Simpson, Karthikeyan Sivaraman, Ashleigh Sullivan, Yogi Sundararavadanam, Sarah Treater, Andre Villegas, Matthew Watson, Sandra Ziltman
EPI_ISL_966698	Helix/Illumina		Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention			Peter W. Cook, Dakota Howard, Divvanti Barira Ben L, Rambo-Martin,Eileen de Fao,Jan Antico,Christine Tran,Matthew Telantio,Shannon Wickline,Kim Glatzen,Brad Sticker,Jingtao Liu,Eric Allen,Phill Felbo,Sumner Galloway,Nicole L. Washington,Simon White,Gerard Levan,Kelly Schabot
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EPI_ISL_967223	Helix/Illumina		Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention			Malik N., Dewey H., Iosiae F., Barber M., Lynch R., Mungier H. and Tenney R.
EPI_ISL_967234	Helix/Illumina		Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention			Peter W. Cook,Dakota Howard,Divvanti Barira Ben L, Rambo-Martin,Eileen de Fao,Jan Antico,Christine Tran,Matthew Telantio,Shannon Wickline,Kim Glatzen,Brad Sticker,Jingtao Liu,Eric Allen,Phill Felbo,Sumner Galloway,Nicole L. Washington,Simon White,Gerard Levan,Kelly Schabot

EPI_ISL_976423, EPI_ISL_976424,
EPI_ISL_976426, EPI_ISL_976501,
EPI_ISL_976973
EPI_ISL_977489

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