

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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EPI_ISL_1207157, EPI_ISL_1207167, EPI_ISL_1207169, EPI_ISL_1207172, EPI_ISL_1207173, EPI_ISL_1207185, EPI_ISL_1207191, EPI_ISL_1207193, EPI_ISL_1207195, EPI_ISL_1207197, EPI_ISL_1207198, EPI_ISL_1207203, EPI_ISL_1207208, EPI_ISL_1207216, EPI_ISL_1207218, EPI_ISL_1207235, EPI_ISL_1207238, EPI_ISL_1207243, EPI_ISL_1207248, EPI_ISL_1207249, EPI_ISL_1207261, EPI_ISL_1207265, EPI_ISL_1207266, EPI_ISL_1207270, EPI_ISL_1207273, EPI_ISL_1207276, EPI_ISL_1207283, EPI_ISL_1207289, EPI_ISL_1207296, EPI_ISL_1207304, EPI_ISL_1207309, EPI_ISL_1207315, EPI_ISL_1207320, EPI_ISL_1207324, EPI_ISL_1207325, EPI_ISL_1207328, EPI_ISL_1207329, EPI_ISL_1207338, EPI_ISL_1207345, EPI_ISL_1207356, EPI_ISL_1207366, EPI_ISL_1207375, EPI_ISL_1207376, EPI_ISL_1207384, EPI_ISL_1207387, EPI_ISL_1207388, EPI_ISL_1207391, EPI_ISL_1207397, EPI_ISL_1207400, EPI_ISL_1207404, EPI_ISL_1207406, EPI_ISL_1207407, EPI_ISL_1207410, EPI_ISL_1207416, EPI_ISL_1207420, EPI_ISL_1207422, EPI_ISL_1207424, EPI_ISL_1207425, EPI_ISL_1207431, EPI_ISL_1207443, EPI_ISL_1207448, EPI_ISL_1207451	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, Jeffrey Barrett, 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	
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EPI_ISL_1214842, EPI_ISL_1214955	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1214995, EPI_ISL_1214999, EPI_ISL_1215017, EPI_ISL_1215023, EPI_ISL_1215025, EPI_ISL_1215027, EPI_ISL_1215029	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215030	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1215033, EPI_ISL_1215040, EPI_ISL_1215042, EPI_ISL_1215043, EPI_ISL_1215064	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215066	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215106, EPI_ISL_1215129	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215141	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215177, EPI_ISL_1215183	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215188	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1215197	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215205	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215206	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215208	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215213, EPI_ISL_1215220, EPI_ISL_1215226	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215233	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215248	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215250	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215258	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1215659, EPI_ISL_1215672, EPI_ISL_1215678, EPI_ISL_1215682, EPI_ISL_1215694, EPI_ISL_1215698, EPI_ISL_1215702, EPI_ISL_1215703	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1216920	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1217430, EPI_ISL_1217445, EPI_ISL_1217455, EPI_ISL_1217458	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
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EPI_ISL_1217844, EPI_ISL_1217850, EPI_ISL_1217852, EPI_ISL_1217853, EPI_ISL_1217857, EPI_ISL_1217862, EPI_ISL_1217865, EPI_ISL_1217870, EPI_ISL_1217877, EPI_ISL_1217880, EPI_ISL_1217881, EPI_ISL_1217887, EPI_ISL_1217893, EPI_ISL_1217898, EPI_ISL_1217910, EPI_ISL_1217927, EPI_ISL_1217931, EPI_ISL_1217932, EPI_ISL_1217933, EPI_ISL_1217935, EPI_ISL_1217936, EPI_ISL_1217940, EPI_ISL_1217947, EPI_ISL_1217957, EPI_ISL_1217961, EPI_ISL_1217962			
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EPI_ISL_1218203, EPI_ISL_1218208	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218218	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218220	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218222, EPI_ISL_1218224	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218226	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218227	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218229	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218232	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218233, EPI_ISL_1218235, EPI_ISL_1218237, EPI_ISL_1218243, EPI_ISL_1218247	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218253	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
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EPI_ISL_1218291	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218292, EPI_ISL_1218293	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218295	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218297, EPI_ISL_1218300	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218301	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1218304	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218307	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1218317	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218323	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218329	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218331, EPI_ISL_1218336	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218339, EPI_ISL_1218343, EPI_ISL_1218347	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
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EPI_ISL_1218370, EPI_ISL_1218372	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218373	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218381	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218382	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218385	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218391, EPI_ISL_1218399	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218400	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218401	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218402	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218412	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218413	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218420	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218424	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218425	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218431	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218433, EPI_ISL_1218440	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218452	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218456	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218465	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218466	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218469	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218472, EPI_ISL_1218474, EPI_ISL_1218484	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218488, EPI_ISL_1218489	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218491	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218492	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218498, EPI_ISL_1218500, EPI_ISL_1218504	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218508, EPI_ISL_1218510	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218516	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218520, EPI_ISL_1218521, EPI_ISL_1218522	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218532	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218536	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218572, EPI_ISL_1218605, EPI_ISL_1218618, EPI_ISL_1218621	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1219101, EPI_ISL_1219103	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Nadia Petrillo, Monica Ianniello, Roberto Sirica,Maurizio D'Amora, Antonio Fico"
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EPI_ISL_1219933, EPI_ISL_1219934	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Marque Juliet StéPhanie
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EPI_ISL_1220079, EPI_ISL_1220082	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1223370	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
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EPI_ISL_1223698, EPI_ISL_1223702, EPI_ISL_1223728, EPI_ISL_1223729	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, Jeffrey Barrett, 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_1223746, EPI_ISL_1223750	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, Jeffrey Barrett, 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_1223754, EPI_ISL_1223757, EPI_ISL_1223758, EPI_ISL_1223759, EPI_ISL_1223763, EPI_ISL_1223764, EPI_ISL_1223773, EPI_ISL_1223778, EPI_ISL_1223779, EPI_ISL_1223781, EPI_ISL_1223798, EPI_ISL_1223805, EPI_ISL_1223806, EPI_ISL_1223808			

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EPI_ISL_1223828	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, Jeffrey Barrett, 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_1223832	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, Jeffrey Barrett, 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_1223835	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, Jeffrey Barrett, 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_1223846, EPI_ISL_1223849, EPI_ISL_1223887, EPI_ISL_1223902, EPI_ISL_1223919, EPI_ISL_1223925, EPI_ISL_1223928	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, Jeffrey Barrett, 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_1223931	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, Jeffrey Barrett, 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_1223940	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, Jeffrey Barrett, 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_1224163, EPI_ISL_1224164, EPI_ISL_1224165, EPI_ISL_1224166, EPI_ISL_1224168, EPI_ISL_1224170, EPI_ISL_1224173, EPI_ISL_1224174, EPI_ISL_1224176, EPI_ISL_1224177, EPI_ISL_1224178, EPI_ISL_1224180, EPI_ISL_1224182, EPI_ISL_1224183, EPI_ISL_1224184, EPI_ISL_1224186, EPI_ISL_1224189, EPI_ISL_1224191, EPI_ISL_1224196, EPI_ISL_1224197, EPI_ISL_1224198, EPI_ISL_1224201, EPI_ISL_1224203, EPI_ISL_1224206, EPI_ISL_1224207, EPI_ISL_1224208, EPI_ISL_1224209, EPI_ISL_1224210, EPI_ISL_1224211, EPI_ISL_1224212, EPI_ISL_1224215, EPI_ISL_1224216, EPI_ISL_1224218, EPI_ISL_1224219, EPI_ISL_1224220, EPI_ISL_1224221, EPI_ISL_1224222, EPI_ISL_1224223, EPI_ISL_1224225, EPI_ISL_1224226, EPI_ISL_1224229, EPI_ISL_1224230, EPI_ISL_1224232, EPI_ISL_1224235, EPI_ISL_1224240, EPI_ISL_1224241, EPI_ISL_1224243, EPI_ISL_1224244, EPI_ISL_1224245, EPI_ISL_1224246, EPI_ISL_1224247, EPI_ISL_1224251, EPI_ISL_1224254, EPI_ISL_1224257, EPI_ISL_1224259, EPI_ISL_1224260, EPI_ISL_1224261, EPI_ISL_1224262, EPI_ISL_1224263, EPI_ISL_1224264, EPI_ISL_1224268, EPI_ISL_1224271, EPI_ISL_1224273, EPI_ISL_1224276, EPI_ISL_1224277, EPI_ISL_1224278, EPI_ISL_1224279, EPI_ISL_1224280, EPI_ISL_1224281, EPI_ISL_1224282, EPI_ISL_1224283, EPI_ISL_1224285, EPI_ISL_1224286, EPI_ISL_1224289, EPI_ISL_1224290, EPI_ISL_1224292, EPI_ISL_1224293, EPI_ISL_1224294, EPI_ISL_1224295, EPI_ISL_1224297, EPI_ISL_1224298, EPI_ISL_1224299, EPI_ISL_1224302, EPI_ISL_1224303, EPI_ISL_1224306, EPI_ISL_1224309, EPI_ISL_1224311, EPI_ISL_1224312, EPI_ISL_1224313, EPI_ISL_1224314, EPI_ISL_1224316, EPI_ISL_1224317, EPI_ISL_1224318, EPI_ISL_1224319, EPI_ISL_1224320, EPI_ISL_1224321, EPI_ISL_1224325, EPI_ISL_1224326, EPI_ISL_1224327, EPI_ISL_1224330, EPI_ISL_1224331, EPI_ISL_1224334, EPI_ISL_1224335, EPI_ISL_1224336, EPI_ISL_1224337, EPI_ISL_1224338, EPI_ISL_1224342, EPI_ISL_1224343, EPI_ISL_1224346, EPI_ISL_1224351, EPI_ISL_1224353, EPI_ISL_1224356, EPI_ISL_1224360, EPI_ISL_1224361, EPI_ISL_1224362, EPI_ISL_1224367, EPI_ISL_1224368, EPI_ISL_1224369, EPI_ISL_1224372, EPI_ISL_1224373, EPI_ISL_1224376, EPI_ISL_1224379, EPI_ISL_1224380, EPI_ISL_1224382, EPI_ISL_1224386, EPI_ISL_1224387, EPI_ISL_1224388, EPI_ISL_1224391, EPI_ISL_1224393, EPI_ISL_1224394, EPI_ISL_1224396, EPI_ISL_1224397, EPI_ISL_1224398, EPI_ISL_1224399, EPI_ISL_1224401, EPI_ISL_1224402, EPI_ISL_1224404, EPI_ISL_1224410, EPI_ISL_1224415, EPI_ISL_1224416, EPI_ISL_1224417, EPI_ISL_1224418, EPI_ISL_1224424, EPI_ISL_1224425, EPI_ISL_1224428, EPI_ISL_1224430, EPI_ISL_1224433, EPI_ISL_1224434, EPI_ISL_1224435, EPI_ISL_1224436, EPI_ISL_1224438, EPI_ISL_1224439, EPI_ISL_1224440, EPI_ISL_1224441, EPI_ISL_1224442, EPI_ISL_1224443, EPI_ISL_1224446, EPI_ISL_1224452, EPI_ISL_1224453, EPI_ISL_1224458, EPI_ISL_1224459, EPI_ISL_1224462, EPI_ISL_1224463, EPI_ISL_1224465, EPI_ISL_1224467, EPI_ISL_1224469, EPI_ISL_1224472, EPI_ISL_1224473, EPI_ISL_1224474, EPI_ISL_1224476, EPI_ISL_1224478, EPI_ISL_1224481, EPI_ISL_1224482, EPI_ISL_1224483, EPI_ISL_1224487, EPI_ISL_1224489, EPI_ISL_1224491, EPI_ISL_1224492, EPI_ISL_1224493, EPI_ISL_1224495, EPI_ISL_1224496, EPI_ISL_1224497, EPI_ISL_1224498, EPI_ISL_1224499			
see above	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, Jeffrey Barrett, 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_1224970, EPI_ISL_1224972	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emele Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1228685, EPI_ISL_1228686, EPI_ISL_1228687, EPI_ISL_1228688	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1228828, EPI_ISL_1228829, EPI_ISL_1228830, EPI_ISL_1228831, EPI_ISL_1228832, EPI_ISL_1228833, EPI_ISL_1228834, EPI_ISL_1228835, EPI_ISL_1228836, EPI_ISL_1228873, EPI_ISL_1228874, EPI_ISL_1228875, EPI_ISL_1228876, EPI_ISL_1228878, EPI_ISL_1228879, EPI_ISL_1228880, EPI_ISL_1228881, EPI_ISL_1228882, EPI_ISL_1228884, EPI_ISL_1228885			
see above	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1228924	CHU SAINT-ETIENNE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228932, EPI_ISL_1228934, EPI_ISL_1228935, EPI_ISL_1228936, EPI_ISL_1228937	GROUPE HOSPITALIER SAINT ANDRE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228939, EPI_ISL_1228940, EPI_ISL_1228941, EPI_ISL_1228942	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228944, EPI_ISL_1228946, EPI_ISL_1228948	GROUPE HOSPITALIER SAINT ANDRE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228949	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228950	GROUPE HOSPITALIER SAINT ANDRE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228951, EPI_ISL_1228954, EPI_ISL_1228956, EPI_ISL_1228959, EPI_ISL_1228960, EPI_ISL_1228962, EPI_ISL_1228963, EPI_ISL_1228965, EPI_ISL_1228967, EPI_ISL_1228969	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228970, EPI_ISL_1228971	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228972	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228973	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228980, EPI_ISL_1228983	CH ROYAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228985, EPI_ISL_1228989	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228995	CH ROYAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228997	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228998	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229000	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229001	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229002	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229005	CHU MONTAUBAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229006, EPI_ISL_1229007	ORIADE SAINT MARTIN D HERES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset

EPI_ISL_1229008	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229009, EPI_ISL_1229011	ORIADE SAINT MARTIN D HERES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229012	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229016, EPI_ISL_1229018, EPI_ISL_1229019, EPI_ISL_1229021	ORIADE SAINT MARTIN D HERES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229023	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229026, EPI_ISL_1229027	ORIADE SAINT MARTIN D HERES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229028, EPI_ISL_1229029, EPI_ISL_1229033, EPI_ISL_1229035	Cerballiance	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229036	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229037	UNILIANS DECINES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229038, EPI_ISL_1229040	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229041	UNILIANS DECINES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229045, EPI_ISL_1229046	MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229047	UNILIANS DECINES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229051, EPI_ISL_1229055, EPI_ISL_1229056, EPI_ISL_1229058, EPI_ISL_1229061, EPI_ISL_1229062, EPI_ISL_1229063, EPI_ISL_1229068, EPI_ISL_1229069, EPI_ISL_1229070, EPI_ISL_1229071, EPI_ISL_1229073, EPI_ISL_1229076, EPI_ISL_1229082, EPI_ISL_1229083, EPI_ISL_1229084, EPI_ISL_1229086, EPI_ISL_1229088, EPI_ISL_1229089, EPI_ISL_1229090, EPI_ISL_1229091, EPI_ISL_1229092, EPI_ISL_1229093, EPI_ISL_1229094, EPI_ISL_1229095, EPI_ISL_1229096, EPI_ISL_1229097, EPI_ISL_1229098, EPI_ISL_1229099, EPI_ISL_1229100, EPI_ISL_1229101, EPI_ISL_1229102	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
see above	DYOMEDEA LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229106, EPI_ISL_1229107, EPI_ISL_1229108, EPI_ISL_1229111, EPI_ISL_1229112, EPI_ISL_1229113	ASTRALAB LIMOGES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229114, EPI_ISL_1229115, EPI_ISL_1229116, EPI_ISL_1229117, EPI_ISL_1229118, EPI_ISL_1229119, EPI_ISL_1229120, EPI_ISL_1229121, EPI_ISL_1229122, EPI_ISL_1229123, EPI_ISL_1229124, EPI_ISL_1229125, EPI_ISL_1229126, EPI_ISL_1229128, EPI_ISL_1229129			
see above	UNILIANS DECINES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229305, EPI_ISL_1229309, EPI_ISL_1229323, EPI_ISL_1229325, EPI_ISL_1229326, EPI_ISL_1229330, EPI_ISL_1229332, EPI_ISL_1229335, EPI_ISL_1229336, EPI_ISL_1229344, EPI_ISL_1229347, EPI_ISL_1229348, EPI_ISL_1229350, EPI_ISL_1229354, EPI_ISL_1229355, EPI_ISL_1229359, EPI_ISL_1229362, EPI_ISL_1229363, EPI_ISL_1229366			
see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Maurizio D'Amora, Antonio Fico"
EPI_ISL_1229508	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	1. Laboratory of Recombinant Vaccines 2. Department of Biology and Medical Genetics 3. Laboratory of Clinical Genetics	Lukasz Rabalski, Maciej Kosinski, Bartosz Wasag, Adam Sodol, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1229509, EPI_ISL_1229519, EPI_ISL_1229521, EPI_ISL_1229524, EPI_ISL_1229526	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Adam Sodol, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1229535, EPI_ISL_1229536, EPI_ISL_1229537, EPI_ISL_1229540, EPI_ISL_1229541, EPI_ISL_1229543, EPI_ISL_1229545, EPI_ISL_1229546, EPI_ISL_1229547, EPI_ISL_1229550, EPI_ISL_1229551, EPI_ISL_1229552, EPI_ISL_1229553, EPI_ISL_1229555, EPI_ISL_1229556, EPI_ISL_1229559, EPI_ISL_1229561, EPI_ISL_1229564, EPI_ISL_1229565, EPI_ISL_1229567, EPI_ISL_1229568, EPI_ISL_1229569, EPI_ISL_1229572, EPI_ISL_1229573, EPI_ISL_1229574, EPI_ISL_1229576, EPI_ISL_1229577, EPI_ISL_1229580, EPI_ISL_1229581, EPI_ISL_1229582, EPI_ISL_1229583, EPI_ISL_1229584, EPI_ISL_1229588, EPI_ISL_1229589, EPI_ISL_1229590, EPI_ISL_1229591, EPI_ISL_1229593, EPI_ISL_1229597, EPI_ISL_1229598, EPI_ISL_1229600, EPI_ISL_1229601, EPI_ISL_1229608, EPI_ISL_1229609, EPI_ISL_1229611, EPI_ISL_1229612, EPI_ISL_1229616, EPI_ISL_1229617, EPI_ISL_1229618, EPI_ISL_1229620, EPI_ISL_1229625, EPI_ISL_1229626, EPI_ISL_1229628, EPI_ISL_1229631, EPI_ISL_1229633, EPI_ISL_1229634, EPI_ISL_1229636, EPI_ISL_1229639, EPI_ISL_1229641, EPI_ISL_1229645, EPI_ISL_1229646, EPI_ISL_1229648, EPI_ISL_1229651, EPI_ISL_1229653, EPI_ISL_1229656, EPI_ISL_1229660, EPI_ISL_1229661, EPI_ISL_1229662, EPI_ISL_1229663, EPI_ISL_1229668, EPI_ISL_1229669, EPI_ISL_1229670, EPI_ISL_1229675, EPI_ISL_1229677, EPI_ISL_1229683, EPI_ISL_1229684, EPI_ISL_1229689, EPI_ISL_1229691, EPI_ISL_1229694, EPI_ISL_1229700, EPI_ISL_1229702, EPI_ISL_1229703, EPI_ISL_1229708, EPI_ISL_1229709, EPI_ISL_1229715, EPI_ISL_1229716, EPI_ISL_1229725, EPI_ISL_1229727, EPI_ISL_1229729, EPI_ISL_1229731, EPI_ISL_1229733, EPI_ISL_1229734, EPI_ISL_1229742, EPI_ISL_1229744, EPI_ISL_1229748, EPI_ISL_1229749, EPI_ISL_1229750, EPI_ISL_1229751, EPI_ISL_1229755, EPI_ISL_1229757, EPI_ISL_1229759, EPI_ISL_1229760, EPI_ISL_1229763, EPI_ISL_1229765, EPI_ISL_1229766, EPI_ISL_1229767, EPI_ISL_1229772, EPI_ISL_1229775, EPI_ISL_1229779, EPI_ISL_1229780, EPI_ISL_1229783, EPI_ISL_1229784, EPI_ISL_1229787, EPI_ISL_1229788, EPI_ISL_1229791, EPI_ISL_1229795, EPI_ISL_1229802, EPI_ISL_1229803, EPI_ISL_1229805, EPI_ISL_1229809, EPI_ISL_1229811, EPI_ISL_1229814, EPI_ISL_1229815, EPI_ISL_1229820, EPI_ISL_1229822, EPI_ISL_1229823, EPI_ISL_1229825, EPI_ISL_1229826, EPI_ISL_1229830, EPI_ISL_1229834, EPI_ISL_1229839, EPI_ISL_1229840, EPI_ISL_1229841, EPI_ISL_1229843, EPI_ISL_1229847, EPI_ISL_1229849, EPI_ISL_1229852, EPI_ISL_1229858, EPI_ISL_1229861, EPI_ISL_1229864, EPI_ISL_1229869, EPI_ISL_1229872, EPI_ISL_1229873, EPI_ISL_1229878, EPI_ISL_1229880, EPI_ISL_1229881, EPI_ISL_1229882, EPI_ISL_1229888, EPI_ISL_1229890, EPI_ISL_1229891, EPI_ISL_1229894, EPI_ISL_1229901, EPI_ISL_1229902, EPI_ISL_1229907, EPI_ISL_1229908, EPI_ISL_1229910, EPI_ISL_1229911, EPI_ISL_1229916, EPI_ISL_1229918, EPI_ISL_1229920, EPI_ISL_1229930, EPI_ISL_1229931, EPI_ISL_1229937, EPI_ISL_1229938			
see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Maurizio D'Amora, Antonio Fico"
EPI_ISL_1231442, EPI_ISL_1231486	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1231935, EPI_ISL_1231936, EPI_ISL_1231937, EPI_ISL_1231939, EPI_ISL_1231949, EPI_ISL_1231950, EPI_ISL_1231954	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1232631, EPI_ISL_1232639, EPI_ISL_1232648, EPI_ISL_1232656, EPI_ISL_1232664, EPI_ISL_1232671, EPI_ISL_1232678, EPI_ISL_1232910, EPI_ISL_1232911, EPI_ISL_1232912	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1233109, EPI_ISL_1233110	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Centre for Dengue Research and AICBU, Department of Immunology and Molecular Medicine	Chandima Jeewandara, Deshni Jayathilaka, Dinuka Ariyaratne, Tibutius Thanesh Pramanayagam, Diyanath Ranasinghe, Laksiri Gomes, Gathsaurie Neelika Malavige
EPI_ISL_1233224, EPI_ISL_1233225, EPI_ISL_1233226, EPI_ISL_1233227, EPI_ISL_1233228, EPI_ISL_1233229, EPI_ISL_1233230	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Djamdjan Laura
EPI_ISL_1233231	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Descamps Dominique
EPI_ISL_1233235	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Vachee Anne
EPI_ISL_1233239, EPI_ISL_1233245, EPI_ISL_1233246	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_1233248, EPI_ISL_1233252	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Ducancelle Alexandra
EPI_ISL_1233253	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Cady Anne

EPI_ISL_1233379, EPI_ISL_1233390, EPI_ISL_1233393, EPI_ISL_1233395, EPI_ISL_1233399, EPI_ISL_1233401, EPI_ISL_1233402, EPI_ISL_1233404, EPI_ISL_1233405, EPI_ISL_1233406	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Darío García de Viedma
EPI_ISL_1233873	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Darío García de Viedma, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Sergio Buenestado Serrano
EPI_ISL_1234253, EPI_ISL_1234259, EPI_ISL_1234260, EPI_ISL_1234261, EPI_ISL_1234263, EPI_ISL_1234264, EPI_ISL_1234306, EPI_ISL_1234307, EPI_ISL_1234347, EPI_ISL_1234369, EPI_ISL_1234370	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
see above	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234462	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Boršová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234463, EPI_ISL_1234464	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1236171, EPI_ISL_1236178, EPI_ISL_1236190, EPI_ISL_1236202, EPI_ISL_1236229	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1238808, EPI_ISL_1238809, EPI_ISL_1238832, EPI_ISL_1238835	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1238871, EPI_ISL_1238872, EPI_ISL_1238896, EPI_ISL_1238900	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1238909, EPI_ISL_1238958	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	1. Laboratory of Recombinant Vaccines 2. Department of Biology and Medical Genetics 3. Laboratory of Clinical Genetics	Lukasz Rabalski, Maciej Kosinski, Bartosz Wasag, Adam Sodol, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1239033, EPI_ISL_1239034, EPI_ISL_1239035, EPI_ISL_1239036, EPI_ISL_1239037, EPI_ISL_1239038, EPI_ISL_1239039, EPI_ISL_1239040, EPI_ISL_1239041, EPI_ISL_1239042, EPI_ISL_1239043, EPI_ISL_1239044, EPI_ISL_1239045, EPI_ISL_1239046	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
see above	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Descamps Dominique
EPI_ISL_1239151, EPI_ISL_1239152, EPI_ISL_1239154, EPI_ISL_1239165	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D., Song,X.
EPI_ISL_1239369	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1240770, EPI_ISL_1240771, EPI_ISL_1240773, EPI_ISL_1240774, EPI_ISL_1240775, EPI_ISL_1240776, EPI_ISL_1240777	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1240912, EPI_ISL_1240923, EPI_ISL_1240925	C.H Peltzer - la Tourelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1241680, EPI_ISL_1241681, EPI_ISL_1241683, EPI_ISL_1241685, EPI_ISL_1241686			
EPI_ISL_1241704			
EPI_ISL_1241709, EPI_ISL_1241711, EPI_ISL_1241713, EPI_ISL_1241715, EPI_ISL_1241717, EPI_ISL_1241718, EPI_ISL_1241719, EPI_ISL_1241721, EPI_ISL_1241722, EPI_ISL_1241724, EPI_ISL_1241725, EPI_ISL_1241726			
see above	SYNLAB	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1241969, EPI_ISL_1241971, EPI_ISL_1241974, EPI_ISL_1241975, EPI_ISL_1241987, EPI_ISL_1241996, EPI_ISL_1241998, EPI_ISL_1242003, EPI_ISL_1242006	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1242048, EPI_ISL_1242055, EPI_ISL_1242058, EPI_ISL_1242077, EPI_ISL_1242079, EPI_ISL_1242086, EPI_ISL_1242098, EPI_ISL_1242104, EPI_ISL_1242108, EPI_ISL_1242111, EPI_ISL_1242119, EPI_ISL_1242120, EPI_ISL_1242123, EPI_ISL_1242133, EPI_ISL_1242140, EPI_ISL_1242148, EPI_ISL_1242164, EPI_ISL_1242172, EPI_ISL_1242173, EPI_ISL_1242184, EPI_ISL_1242191, EPI_ISL_1242193, EPI_ISL_1242195, EPI_ISL_1242203, EPI_ISL_1242205, EPI_ISL_1242213, EPI_ISL_1242219, EPI_ISL_1242222, EPI_ISL_1242230, EPI_ISL_1242232, EPI_ISL_1242233, EPI_ISL_1242235, EPI_ISL_1242240, EPI_ISL_1242246, EPI_ISL_1242251, EPI_ISL_1242255, EPI_ISL_1242256, EPI_ISL_1242257, EPI_ISL_1242258, EPI_ISL_1242270, EPI_ISL_1242278			
see above	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, Jeffrey Barrett, 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_1242820, EPI_ISL_1242822, EPI_ISL_1242823, EPI_ISL_1242824, EPI_ISL_1242825	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, Jeffrey Barrett, 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_1242828	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, Jeffrey Barrett, 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_1242829, EPI_ISL_1242830	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, Jeffrey Barrett, 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_1242832, EPI_ISL_1242834	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, Jeffrey Barrett, 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_1242835, EPI_ISL_1242837, EPI_ISL_1242838	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, Jeffrey Barrett, 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_1242839, EPI_ISL_1242845, EPI_ISL_1242846	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, Jeffrey Barrett, 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_1242847	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, Jeffrey Barrett, 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_1242848, EPI_ISL_1242849, EPI_ISL_1242850	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, Jeffrey Barrett, 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

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		(COG-UK) Consortium	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_1244525, EPI_ISL_1244530, EPI_ISL_1244542, EPI_ISL_1244552, EPI_ISL_1244575, EPI_ISL_1244581	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, Jeffrey Barrett, 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_1244603	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, Jeffrey Barrett, 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_1244611	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, Jeffrey Barrett, 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_1244612, EPI_ISL_1244676, EPI_ISL_1244683, EPI_ISL_1244759, EPI_ISL_1244776, EPI_ISL_1244791	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, Jeffrey Barrett, 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_1244857, EPI_ISL_1244859, EPI_ISL_1244860, EPI_ISL_1244876, EPI_ISL_1244883, EPI_ISL_1244887, EPI_ISL_1244890, EPI_ISL_1244893, EPI_ISL_1244895, EPI_ISL_1244928, EPI_ISL_1244930, EPI_ISL_1244934, EPI_ISL_1244935, EPI_ISL_1244953, EPI_ISL_1244967, EPI_ISL_1244986, EPI_ISL_1245000, EPI_ISL_1245005			
see above	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, Jeffrey Barrett, 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_1245007, EPI_ISL_1245010, EPI_ISL_1245011, EPI_ISL_1245016, EPI_ISL_1245017, EPI_ISL_1245018, EPI_ISL_1245019, EPI_ISL_1245020, EPI_ISL_1245021, EPI_ISL_1245022, EPI_ISL_1245025, EPI_ISL_1245027, EPI_ISL_1245028, EPI_ISL_1245029, EPI_ISL_1245031, EPI_ISL_1245032, EPI_ISL_1245036, EPI_ISL_1245039, EPI_ISL_1245041, EPI_ISL_1245044, EPI_ISL_1245045, EPI_ISL_1245047, EPI_ISL_1245049, EPI_ISL_1245050, EPI_ISL_1245051, EPI_ISL_1245052, EPI_ISL_1245053, EPI_ISL_1245055, EPI_ISL_1245056, EPI_ISL_1245057, EPI_ISL_1245059, EPI_ISL_1245060, EPI_ISL_1245065, EPI_ISL_1245067, EPI_ISL_1245068, EPI_ISL_1245069, EPI_ISL_1245070, EPI_ISL_1245073, EPI_ISL_1245076, EPI_ISL_1245077, EPI_ISL_1245078, EPI_ISL_1245081, EPI_ISL_1245082, EPI_ISL_1245085, EPI_ISL_1245086, EPI_ISL_1245087, EPI_ISL_1245088, EPI_ISL_1245089, EPI_ISL_1245092, EPI_ISL_1245093, EPI_ISL_1245094, EPI_ISL_1245097, EPI_ISL_1245098, EPI_ISL_1245099, EPI_ISL_1245103, EPI_ISL_1245105, EPI_ISL_1245106, EPI_ISL_1245111, EPI_ISL_1245112, EPI_ISL_1245114, EPI_ISL_1245115, EPI_ISL_1245116, EPI_ISL_1245119, EPI_ISL_1245120, EPI_ISL_1245122, EPI_ISL_1245124, EPI_ISL_1245126, EPI_ISL_1245127, EPI_ISL_1245128, EPI_ISL_1245132, EPI_ISL_1245133, EPI_ISL_1245136, EPI_ISL_1245137, EPI_ISL_1245140, EPI_ISL_1245141, EPI_ISL_1245142, EPI_ISL_1245145, EPI_ISL_1245147, EPI_ISL_1245149, EPI_ISL_1245152, EPI_ISL_1245153, EPI_ISL_1245154, EPI_ISL_1245156, EPI_ISL_1245157, EPI_ISL_1245160, EPI_ISL_1245164, EPI_ISL_1245165, EPI_ISL_1245167, EPI_ISL_1245168, EPI_ISL_1245169, EPI_ISL_1245170, EPI_ISL_1245172, EPI_ISL_1245173, EPI_ISL_1245174, EPI_ISL_1245175, EPI_ISL_1245177, EPI_ISL_1245181, EPI_ISL_1245182, EPI_ISL_1245184, EPI_ISL_1245186, EPI_ISL_1245187, EPI_ISL_1245188, EPI_ISL_1245191, EPI_ISL_1245192, EPI_ISL_1245193, EPI_ISL_1245196, EPI_ISL_1245197, EPI_ISL_1245199, EPI_ISL_1245200, EPI_ISL_1245203, EPI_ISL_1245204, EPI_ISL_1245205, EPI_ISL_1245206, EPI_ISL_1245207, EPI_ISL_1245208, EPI_ISL_1245209, EPI_ISL_1245211, EPI_ISL_1245212, EPI_ISL_1245215, EPI_ISL_1245217, EPI_ISL_1245219, EPI_ISL_1245220, EPI_ISL_1245223, EPI_ISL_1245227, EPI_ISL_1245228, EPI_ISL_1245230, EPI_ISL_1245231, EPI_ISL_1245236, EPI_ISL_1245237, EPI_ISL_1245238, EPI_ISL_1245239, EPI_ISL_1245242, EPI_ISL_1245245, EPI_ISL_1245246, EPI_ISL_1245247, EPI_ISL_1245248, EPI_ISL_1245251, EPI_ISL_1245253, EPI_ISL_1245254, EPI_ISL_1245257, EPI_ISL_1245258, EPI_ISL_1245260, EPI_ISL_1245266, EPI_ISL_1245267, EPI_ISL_1245272, EPI_ISL_1245274, EPI_ISL_1245278, EPI_ISL_1245281, EPI_ISL_1245284, EPI_ISL_1245285, EPI_ISL_1245286, EPI_ISL_1245288, EPI_ISL_1245289, EPI_ISL_1245292, EPI_ISL_1245294, EPI_ISL_1245296, EPI_ISL_1245299, EPI_ISL_1245300, EPI_ISL_1245301, EPI_ISL_1245302, EPI_ISL_1245303, EPI_ISL_1245304, EPI_ISL_1245307, EPI_ISL_1245309, EPI_ISL_1245310, EPI_ISL_1245312, EPI_ISL_1245313, EPI_ISL_1245315, EPI_ISL_1245316, EPI_ISL_1245317, EPI_ISL_1245320, EPI_ISL_1245321, EPI_ISL_1245322, EPI_ISL_1245323, EPI_ISL_1245324, EPI_ISL_1245325, EPI_ISL_1245328, EPI_ISL_1245329, EPI_ISL_1245330, EPI_ISL_1245331, EPI_ISL_1245335, EPI_ISL_1245336, EPI_ISL_1245338, EPI_ISL_1245340, EPI_ISL_1245341, EPI_ISL_1245343, EPI_ISL_1245345, EPI_ISL_1245347, EPI_ISL_1245348, EPI_ISL_1245350, EPI_ISL_1245351, EPI_ISL_1245354			
see above	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, Jeffrey Barrett, 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_1245362, EPI_ISL_1245365	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, Jeffrey Barrett, 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_1245367, EPI_ISL_1245371, EPI_ISL_1245375	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, Jeffrey Barrett, 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_1245378	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, Jeffrey Barrett, 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_1245380	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, Jeffrey Barrett, 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_1245381, EPI_ISL_1245382, EPI_ISL_1245390	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, Jeffrey Barrett, 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_1245401	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, Jeffrey Barrett, 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_1245408	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, Jeffrey Barrett, 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_1245410, EPI_ISL_1245411	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, Jeffrey Barrett, 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_1245413, EPI_ISL_1245417	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, Jeffrey Barrett, 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_1245421	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, Jeffrey Barrett, 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_1245422	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, Jeffrey Barrett, 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_1245424, EPI_ISL_1245427, EPI_ISL_1245430	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, Jeffrey Barrett, 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_1245434	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, Jeffrey Barrett, 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_1245439	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, Jeffrey Barrett, 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_1245441	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, Jeffrey Barrett, 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_1245445	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, Jeffrey Barrett, 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_1245446	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, Jeffrey Barrett, 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

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EPI_ISL_1245957, EPI_ISL_1245958		(COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1245961	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, Jeffrey Barrett, 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_1245963	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, Jeffrey Barrett, 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_1245966	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, Jeffrey Barrett, 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_1245967, EPI_ISL_1245969	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, Jeffrey Barrett, 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_1245972, EPI_ISL_1245976	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, Jeffrey Barrett, 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_1245977	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, Jeffrey Barrett, 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_1245983, EPI_ISL_1245984	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, Jeffrey Barrett, 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_1245986, EPI_ISL_1245987	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, Jeffrey Barrett, 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_1245988, EPI_ISL_1245989	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, Jeffrey Barrett, 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_1245990	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, Jeffrey Barrett, 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_1245991, EPI_ISL_1246000, EPI_ISL_1246002, EPI_ISL_1246004	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, Jeffrey Barrett, 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_1246005	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, Jeffrey Barrett, 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_1246007, EPI_ISL_1246010	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, Jeffrey Barrett, 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_1246012, EPI_ISL_1246014	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, Jeffrey Barrett, 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_1246015, EPI_ISL_1246017	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, Jeffrey Barrett, 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_1246537, EPI_ISL_1246538, EPI_ISL_1246539, EPI_ISL_1246540, EPI_ISL_1246541, EPI_ISL_1246542, EPI_ISL_1246544, EPI_ISL_1246546, EPI_ISL_1246547, EPI_ISL_1246548, EPI_ISL_1246549, EPI_ISL_1246550, EPI_ISL_1246551, EPI_ISL_1246553, EPI_ISL_1246554, EPI_ISL_1246555, EPI_ISL_1246556, EPI_ISL_1246557, EPI_ISL_1246558, EPI_ISL_1246559, EPI_ISL_1246560, EPI_ISL_1246561, EPI_ISL_1246562, EPI_ISL_1246563, EPI_ISL_1246564, EPI_ISL_1246565, EPI_ISL_1246566, EPI_ISL_1246567, EPI_ISL_1246568, EPI_ISL_1246569, EPI_ISL_1246570, EPI_ISL_1246571, EPI_ISL_1246572, EPI_ISL_1246573, EPI_ISL_1246574, EPI_ISL_1246575, EPI_ISL_1246576, EPI_ISL_1246577, EPI_ISL_1246578, EPI_ISL_1246579, EPI_ISL_1246581, EPI_ISL_1246589, EPI_ISL_1246603, EPI_ISL_1246625, EPI_ISL_1246627, EPI_ISL_1246631, EPI_ISL_1246657, EPI_ISL_1246663, EPI_ISL_1246665, EPI_ISL_1246668, EPI_ISL_1246671, EPI_ISL_1246675, EPI_ISL_1246676, EPI_ISL_1246681, EPI_ISL_1246689, EPI_ISL_1246701, EPI_ISL_1246711, EPI_ISL_1246720, EPI_ISL_1246875, EPI_ISL_1246876, EPI_ISL_1246877, EPI_ISL_1246878, EPI_ISL_1246879, EPI_ISL_1246880, EPI_ISL_1246881, EPI_ISL_1246882, EPI_ISL_1246883, EPI_ISL_1246884, EPI_ISL_1246885, EPI_ISL_1246886, EPI_ISL_1246887, EPI_ISL_1246888, EPI_ISL_1246889, EPI_ISL_1246890, EPI_ISL_1246891, EPI_ISL_1246892, EPI_ISL_1246893, EPI_ISL_1246894, EPI_ISL_1246895, EPI_ISL_1246896, EPI_ISL_1246897, EPI_ISL_1246898, EPI_ISL_1246899, EPI_ISL_1246901, EPI_ISL_1246902, EPI_ISL_1246903, EPI_ISL_1246904, EPI_ISL_1246905, EPI_ISL_1246906, EPI_ISL_1246907, EPI_ISL_1246908, EPI_ISL_1246909, EPI_ISL_1246910, EPI_ISL_1246911, EPI_ISL_1246912, EPI_ISL_1246913, EPI_ISL_1246914, EPI_ISL_1246915, EPI_ISL_1246916, EPI_ISL_1246917, EPI_ISL_1246918, EPI_ISL_1246919, EPI_ISL_1246920, EPI_ISL_1246921, EPI_ISL_1246922, EPI_ISL_1246923, EPI_ISL_1246924, EPI_ISL_1246925, EPI_ISL_1246926, EPI_ISL_1246927	see above	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, Jeffrey Barrett, 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_1247297, EPI_ISL_1247299, EPI_ISL_1247309, EPI_ISL_1247322, EPI_ISL_1247350, EPI_ISL_1247360, EPI_ISL_1247367, EPI_ISL_1247614, EPI_ISL_1247632	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow	
EPI_ISL_1247725	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K	
EPI_ISL_1247763, EPI_ISL_1247765	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_1247828, EPI_ISL_1247831, EPI_ISL_1247843	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P. Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	
EPI_ISL_1247994	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer	
EPI_ISL_1248243, EPI_ISL_1248245, EPI_ISL_1248248, EPI_ISL_1248265, EPI_ISL_1248267, EPI_ISL_1248270, EPI_ISL_1248274, EPI_ISL_1248277	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Sylvia Krzetowska, Monika Czerminska, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Rozycka, Barbara Dolinska	
EPI_ISL_1248309	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer	
EPI_ISL_1248313, EPI_ISL_1248315,	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie,	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie,	Sylvia Krzetowska, Monika Czerminska, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz,	

EPI_ISL_1248317	Laboratorium Badan Epidemiologiczno-Klinicznych	Laboratorium Badan Epidemiologiczno-Klinicznych	Paulina Rozycka, Barbara Dolinska	
EPI_ISL_1248318	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer	
EPI_ISL_1248331	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Sylwia Krzetowska, Monika Czerminska, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Rozycka, Barbara Dolinska	
EPI_ISL_1248446	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Dr Judith Heaney, Matthew Byott, Dr Catherine Houlihan, Dr Daniel Frampton, Stuart Kirk, Dr Moira Spyer, Dr Paul Grant and Dr Eleni Nastouli	
EPI_ISL_1248520, EPI_ISL_1248522	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer	
EPI_ISL_1248819, EPI_ISL_1248820, EPI_ISL_1248821, EPI_ISL_1248897, EPI_ISL_1248898, EPI_ISL_1248899, EPI_ISL_1248916, EPI_ISL_1248917, EPI_ISL_1248918	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusrî Taha, Gary Eltringham	
EPI_ISL_1249298, EPI_ISL_1249395, EPI_ISL_1249416, EPI_ISL_1249420, EPI_ISL_1249459, EPI_ISL_1249461, EPI_ISL_1249465, EPI_ISL_1249473, EPI_ISL_1249495, EPI_ISL_1249497, EPI_ISL_1249510, EPI_ISL_1249511, EPI_ISL_1249520, EPI_ISL_1249521, EPI_ISL_1249522, EPI_ISL_1249523, EPI_ISL_1249536, EPI_ISL_1249541, EPI_ISL_1249542, EPI_ISL_1249546, EPI_ISL_1249546, EPI_ISL_1249550, EPI_ISL_1249551, EPI_ISL_1249552, EPI_ISL_1249558, EPI_ISL_1249564, EPI_ISL_1249566, EPI_ISL_1249570, EPI_ISL_1249580, EPI_ISL_1249581, EPI_ISL_1249582, EPI_ISL_1249583, EPI_ISL_1249584, EPI_ISL_1249586, EPI_ISL_1249605, EPI_ISL_1249606	see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1249976, EPI_ISL_1249977, EPI_ISL_1249978	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson	
EPI_ISL_1250275, EPI_ISL_1250287, EPI_ISL_1250288, EPI_ISL_1250289, EPI_ISL_1250301, EPI_ISL_1250305	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/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 Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans	
EPI_ISL_1250754, EPI_ISL_1250761, EPI_ISL_1250766, EPI_ISL_1250767, EPI_ISL_1250777, EPI_ISL_1250796, EPI_ISL_1250799, EPI_ISL_1250801	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rererca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón	
EPI_ISL_1250814, EPI_ISL_1250815	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc	
EPI_ISL_1250860, EPI_ISL_1250861, EPI_ISL_1250862, EPI_ISL_1250864, EPI_ISL_1250865, EPI_ISL_1250866, EPI_ISL_1250867, EPI_ISL_1250868, EPI_ISL_1250869, EPI_ISL_1250870, EPI_ISL_1250871, EPI_ISL_1250872, EPI_ISL_1250873, EPI_ISL_1250874, EPI_ISL_1250875, EPI_ISL_1250876, EPI_ISL_1250877, EPI_ISL_1250878, EPI_ISL_1250879, EPI_ISL_1250880, EPI_ISL_1250881, EPI_ISL_1250883, EPI_ISL_1250884, EPI_ISL_1250886, EPI_ISL_1250920, EPI_ISL_1250921, EPI_ISL_1250922, EPI_ISL_1250923, EPI_ISL_1250924, EPI_ISL_1250925, EPI_ISL_1250926, EPI_ISL_1250927, EPI_ISL_1250928, EPI_ISL_1250929, EPI_ISL_1250931, EPI_ISL_1250932, EPI_ISL_1250933, EPI_ISL_1250934, EPI_ISL_1250935	see above	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drweska-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszko, Lukasz Krych, Michal Kaszuba
EPI_ISL_1250943	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drweska-Matelska, Anna Brylak-Blaszkow, Aleksandra Gidlewicz, Karol Szeszko, Lukasz Krych, Michal Kaszuba	
EPI_ISL_1251079	RSA GIULIANOVA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251080, EPI_ISL_1251084, EPI_ISL_1251085, EPI_ISL_1251087, EPI_ISL_1251088, EPI_ISL_1251089, EPI_ISL_1251090, EPI_ISL_1251091, EPI_ISL_1251092	Siesp dipartimento di prevenzione	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251094	SIESP CHIETI - LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251097	Presidio Ospedaliero "San Liberatore" Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251101	SIESP CHIETI - LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251107, EPI_ISL_1251108	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1251113	SIESP CHIETI - DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1252129, EPI_ISL_1252145	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun	
EPI_ISL_1252560, EPI_ISL_1252562, EPI_ISL_1252575	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	
EPI_ISL_1252724, EPI_ISL_1252725	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraite, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius	
EPI_ISL_1252880	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	
EPI_ISL_1254248	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong	
EPI_ISL_1254531	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1254541	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 Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1254545	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1254549	Akershus University Hospital, Department for Microbiology and	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen	

EPI_ISL_1254555	Infectious Disease Control Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254570	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254571	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254573	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254575	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254581	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 Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254586	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254588, EPI_ISL_1254589	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254592	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254593, EPI_ISL_1254594	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254600	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254612, EPI_ISL_1254613	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254615	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 Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254692	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Manzulli V., Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_1255061	Marche en Famenne	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1255079	Arlon	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1255416	Atlas Genomics	Atlas Genomics	Michael Kalnoski, MD
EPI_ISL_1255613	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, Jeffrey Barrett, 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_1255624, EPI_ISL_1255834	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, Jeffrey Barrett, 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_1256002	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1256153, EPI_ISL_1256279, EPI_ISL_1256340	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, Jeffrey Barrett, 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_1256952, EPI_ISL_1256959, EPI_ISL_1256963, EPI_ISL_1256966, EPI_ISL_1256969, EPI_ISL_1256997, EPI_ISL_1257006, EPI_ISL_1257013, EPI_ISL_1257021, EPI_ISL_1257022, EPI_ISL_1257038, EPI_ISL_1257040, EPI_ISL_1257046, EPI_ISL_1257049, EPI_ISL_1257053, EPI_ISL_1257057, EPI_ISL_1257062	see above	Lighthouse Lab in Cambridge	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1257488, EPI_ISL_1257490, EPI_ISL_1257494, EPI_ISL_1257495, EPI_ISL_1257507, EPI_ISL_1257509, EPI_ISL_1257511, EPI_ISL_1257513, EPI_ISL_1257576, EPI_ISL_1257630, EPI_ISL_1257633	see above	Lighthouse Lab in Glasgow	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1258458	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Corina Casangiu, Leontina Banica, Marius Surleac, Ovidiu Vlaicu, Ionelia Nicolae, Simona Paraschiv, Dan Otelea
EPI_ISL_1258460, EPI_ISL_1258461	Gorj County Directorate of Public Health	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Corina Casangiu, Leontina Banica, Marius Surleac, Ovidiu Vlaicu, Ionelia Nicolae, Simona Paraschiv, Dan Otelea
EPI_ISL_1258565	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1259405	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Santini, F Messina, M Rueca, G Bonfiglio, MR Capobianchi, A Di Caro
EPI_ISL_1259410	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, F Santini, G Bonfiglio, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_1259488, EPI_ISL_1259518, EPI_ISL_1259527, EPI_ISL_1259583, EPI_ISL_1259610, EPI_ISL_1259613, EPI_ISL_1259622, EPI_ISL_1259626, EPI_ISL_1259641, EPI_ISL_1259643, EPI_ISL_1259644, EPI_ISL_1259658, EPI_ISL_1259659, EPI_ISL_1259670, EPI_ISL_1259675, EPI_ISL_1259678, EPI_ISL_1259706, EPI_ISL_1259712, EPI_ISL_1259723, EPI_ISL_1259730, EPI_ISL_1259731, EPI_ISL_1259732, EPI_ISL_1259733, EPI_ISL_1259739, EPI_ISL_1259759, EPI_ISL_1259778	see above	Viollier AG	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1260987	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1261811	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1261870	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Manzulli V., Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_1262521, EPI_ISL_1262526, EPI_ISL_1262527, EPI_ISL_1262529, EPI_ISL_1262530, EPI_ISL_1262531, EPI_ISL_1262532	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang

EPI_ISL_1262719, EPI_ISL_1262721	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Marque Juliet StéPhanie	
EPI_ISL_1262722, EPI_ISL_1262723, EPI_ISL_1262724, EPI_ISL_1262725, EPI_ISL_1262726	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale	
EPI_ISL_1262729, EPI_ISL_1262730, EPI_ISL_1262731	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Farfour Eric	
EPI_ISL_1262735, EPI_ISL_1262739	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Castelain Sandrine	
EPI_ISL_1262751, EPI_ISL_1262752, EPI_ISL_1262753, EPI_ISL_1262754	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Djamdjian Laura	
EPI_ISL_1262755, EPI_ISL_1262756, EPI_ISL_1262757, EPI_ISL_1262758, EPI_ISL_1262759	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Cady Anne	
EPI_ISL_1262763, EPI_ISL_1262764, EPI_ISL_1262765, EPI_ISL_1262766, EPI_ISL_1262767, EPI_ISL_1262768, EPI_ISL_1262769, EPI_ISL_1262770, EPI_ISL_1262773	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Gestin Brieuc	
EPI_ISL_1262776, EPI_ISL_1262777, EPI_ISL_1262778, EPI_ISL_1262779, EPI_ISL_1262780, EPI_ISL_1262783, EPI_ISL_1262784, EPI_ISL_1262786, EPI_ISL_1262787, EPI_ISL_1262788, EPI_ISL_1262789, EPI_ISL_1262792, EPI_ISL_1262793, EPI_ISL_1262797, EPI_ISL_1262798, EPI_ISL_1262799, EPI_ISL_1262800, EPI_ISL_1262801, EPI_ISL_1262802, EPI_ISL_1262803, EPI_ISL_1262804, EPI_ISL_1262805	see above	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Holstein Anne
EPI_ISL_1262811	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Potiron GréGoire	
EPI_ISL_1262819, EPI_ISL_1262822, EPI_ISL_1262824, EPI_ISL_1262825, EPI_ISL_1262826, EPI_ISL_1262827, EPI_ISL_1262828, EPI_ISL_1262829, EPI_ISL_1262830, EPI_ISL_1262831, EPI_ISL_1262833, EPI_ISL_1262834, EPI_ISL_1262835, EPI_ISL_1262836, EPI_ISL_1262837, EPI_ISL_1262838, EPI_ISL_1262839, EPI_ISL_1262877, EPI_ISL_1262878, EPI_ISL_1262879	see above	hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Gastli Nabil
EPI_ISL_1262881, EPI_ISL_1262882, EPI_ISL_1262883, EPI_ISL_1262885, EPI_ISL_1262887, EPI_ISL_1262893, EPI_ISL_1262894, EPI_ISL_1262895, EPI_ISL_1262896, EPI_ISL_1262897	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Felloni Claire	
EPI_ISL_1262898, EPI_ISL_1262900, EPI_ISL_1262901, EPI_ISL_1262903	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Billy Pierre Alain	
EPI_ISL_1262904	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Riverain Emeline	
EPI_ISL_1262906, EPI_ISL_1262907	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Bernardi Franck	
EPI_ISL_1262914	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Irimia Alix	
EPI_ISL_1262917	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Guillotel Eleha	
EPI_ISL_1262921, EPI_ISL_1262922, EPI_ISL_1262923, EPI_ISL_1262924, EPI_ISL_1262929, EPI_ISL_1262930, EPI_ISL_1262932, EPI_ISL_1262933	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Thibault Vincent	
EPI_ISL_1262936, EPI_ISL_1262937, EPI_ISL_1262938, EPI_ISL_1262942, EPI_ISL_1262943, EPI_ISL_1262946, EPI_ISL_1262947, EPI_ISL_1262948, EPI_ISL_1262949, EPI_ISL_1262950, EPI_ISL_1262951, EPI_ISL_1262952, EPI_ISL_1262953, EPI_ISL_1262955, EPI_ISL_1262957, EPI_ISL_1262958, EPI_ISL_1262960, EPI_ISL_1262961, EPI_ISL_1262962, EPI_ISL_1262963, EPI_ISL_1262965, EPI_ISL_1262966, EPI_ISL_1262967, EPI_ISL_1262968, EPI_ISL_1262969, EPI_ISL_1262970, EPI_ISL_1262971, EPI_ISL_1262972, EPI_ISL_1262973, EPI_ISL_1262974, EPI_ISL_1262976, EPI_ISL_1262977, EPI_ISL_1262978, EPI_ISL_1262979, EPI_ISL_1262980	see above	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Leonard Pierre-Yves
EPI_ISL_1262981, EPI_ISL_1262982, EPI_ISL_1262984, EPI_ISL_1262985	Hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Guillaume CléMence	
EPI_ISL_1262990, EPI_ISL_1262991, EPI_ISL_1262992, EPI_ISL_1262993, EPI_ISL_1262994, EPI_ISL_1262997, EPI_ISL_1262998, EPI_ISL_1262999, EPI_ISL_1263001, EPI_ISL_1263002, EPI_ISL_1263004, EPI_ISL_1263005, EPI_ISL_1263006, EPI_ISL_1263007, EPI_ISL_1263008, EPI_ISL_1263010, EPI_ISL_1263011, EPI_ISL_1263013, EPI_ISL_1263016, EPI_ISL_1263017, EPI_ISL_1263019, EPI_ISL_1263020, EPI_ISL_1263021, EPI_ISL_1263022, EPI_ISL_1263023, EPI_ISL_1263025, EPI_ISL_1263027, EPI_ISL_1263028, EPI_ISL_1263029, EPI_ISL_1263031, EPI_ISL_1263034, EPI_ISL_1263035, EPI_ISL_1263037, EPI_ISL_1263038, EPI_ISL_1263039	see above	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Said-Delattre OphéLie
EPI_ISL_1263040, EPI_ISL_1263041, EPI_ISL_1263042, EPI_ISL_1263043, EPI_ISL_1263044, EPI_ISL_1263046, EPI_ISL_1263047, EPI_ISL_1263048, EPI_ISL_1263049, EPI_ISL_1263051, EPI_ISL_1263052, EPI_ISL_1263053, EPI_ISL_1263054, EPI_ISL_1263055, EPI_ISL_1263056, EPI_ISL_1263057, EPI_ISL_1263058, EPI_ISL_1263059, EPI_ISL_1263060, EPI_ISL_1263061, EPI_ISL_1263062, EPI_ISL_1263064, EPI_ISL_1263065, EPI_ISL_1263066, EPI_ISL_1263067, EPI_ISL_1263068, EPI_ISL_1263069, EPI_ISL_1263070, EPI_ISL_1263072, EPI_ISL_1263073, EPI_ISL_1263074, EPI_ISL_1263075, EPI_ISL_1263076, EPI_ISL_1263077, EPI_ISL_1263078, EPI_ISL_1263079, EPI_ISL_1263080, EPI_ISL_1263081, EPI_ISL_1263083, EPI_ISL_1263084, EPI_ISL_1263085, EPI_ISL_1263087, EPI_ISL_1263088, EPI_ISL_1263089	see above	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf,Roquebert BénéDicte
EPI_ISL_1263435, EPI_ISL_1263436, EPI_ISL_1263444, EPI_ISL_1263445, EPI_ISL_1263446, EPI_ISL_1263447, EPI_ISL_1263448, EPI_ISL_1263449, EPI_ISL_1263450, EPI_ISL_1263451, EPI_ISL_1263452, EPI_ISL_1263453, EPI_ISL_1263454, EPI_ISL_1263455, EPI_ISL_1263456	see above	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1263872, EPI_ISL_1263896, EPI_ISL_1263902, EPI_ISL_1263918, EPI_ISL_1263921, EPI_ISL_1263943, EPI_ISL_1263950, EPI_ISL_1263956, EPI_ISL_1263969, EPI_ISL_1263973, EPI_ISL_1263980, EPI_ISL_1263986, EPI_ISL_1263996, EPI_ISL_1264001, EPI_ISL_1264012, EPI_ISL_1264025, EPI_ISL_1264033, EPI_ISL_1264035, EPI_ISL_1264037, EPI_ISL_1264045	see above	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, Jeffrey Barrett, 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_1264094, EPI_ISL_1264156	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, Jeffrey Barrett, 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_1264421, EPI_ISL_1264422, EPI_ISL_1264425, EPI_ISL_1264427, EPI_ISL_1264430, EPI_ISL_1264433	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1264742, EPI_ISL_1264752, EPI_ISL_1264788, EPI_ISL_1264796	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, Jeffrey Barrett, 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_1265155	AZ Sint-Jan Brugge-Oostende AV	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1265659	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germin, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1265672, EPI_ISL_1265688	CDP HUSSEL VIENNE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1265696	CENTRE HOSPITALIER PIERRE OUDOT	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1265697, EPI_ISL_1265698, EPI_ISL_1265711	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1266332	National Laboratory for Health, Environment and Food, OMM, Kranj	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266372, EPI_ISL_1266373	National Laboratory for Health, Environment and Food, OMM, Koper	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266382, EPI_ISL_1266383, EPI_ISL_1266384, EPI_ISL_1266385	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266386, EPI_ISL_1266387	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266388, EPI_ISL_1266389, EPI_ISL_1266390, EPI_ISL_1266391, EPI_ISL_1266392	National Laboratory for Health, Environment and Food, OMM, Koper	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266428	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266434, EPI_ISL_1266435, EPI_ISL_1266436	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266437, EPI_ISL_1266438, EPI_ISL_1266439	National Laboratory for Health, Environment and Food, OMM, Kranj	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266440	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1268228	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1274061	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, Jeffrey Barrett, 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_1274930, EPI_ISL_1274985	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, Jeffrey Barrett, 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_1275588, EPI_ISL_1275592, EPI_ISL_1275609, EPI_ISL_1275620, EPI_ISL_1275669, EPI_ISL_1275705, EPI_ISL_1275724, EPI_ISL_1275818, EPI_ISL_1275828, EPI_ISL_1275847, EPI_ISL_1275869, EPI_ISL_1275877	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, Jeffrey Barrett, 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_1275879	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1275901, EPI_ISL_1275919, EPI_ISL_1275953, EPI_ISL_1275967, EPI_ISL_1275973, EPI_ISL_1275976	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, Jeffrey Barrett, 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_1275981, EPI_ISL_1276008	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1276040	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, Jeffrey Barrett, 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_1276051, EPI_ISL_1276056, EPI_ISL_1276064, EPI_ISL_1276084, EPI_ISL_1276103	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1276893, EPI_ISL_1276907, EPI_ISL_1276973, EPI_ISL_1276983, EPI_ISL_1277008, EPI_ISL_1277017, EPI_ISL_1277022, EPI_ISL_1277037, EPI_ISL_1277045, EPI_ISL_1277099, EPI_ISL_1277155, EPI_ISL_1277201	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, Jeffrey Barrett, 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_1277320, EPI_ISL_1277333, EPI_ISL_1277966, EPI_ISL_1277967, EPI_ISL_1277968, EPI_ISL_1277969, EPI_ISL_1277970, EPI_ISL_1277971, EPI_ISL_1277972, EPI_ISL_1277973, EPI_ISL_1277977, EPI_ISL_1277981, EPI_ISL_1277983	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, Jeffrey Barrett, 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_1277993	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, Jeffrey Barrett, 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_1277994, EPI_ISL_1277995, EPI_ISL_1277996, EPI_ISL_1278001	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, Jeffrey Barrett, 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_1278006	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, Jeffrey Barrett, 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_1279691, EPI_ISL_1279692, EPI_ISL_1279693	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279699, EPI_ISL_1279771, EPI_ISL_1279772, EPI_ISL_1279773, EPI_ISL_1279782	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1280590	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1280667, EPI_ISL_1280678	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280680	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1280685, EPI_ISL_1280686	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280693, EPI_ISL_1280696	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1280698, EPI_ISL_1280702, EPI_ISL_1280708	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280717	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1280724, EPI_ISL_1280734	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280813, EPI_ISL_1280817	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1280841, EPI_ISL_1280882, EPI_ISL_1280892	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1280915	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280916	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1281085, EPI_ISL_1281089, EPI_ISL_1281092, EPI_ISL_1281096	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281100	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1281103, EPI_ISL_1281107, EPI_ISL_1281108, EPI_ISL_1281111	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281112	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1281115, EPI_ISL_1281116, EPI_ISL_1281120, EPI_ISL_1281131	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281133	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1281141, EPI_ISL_1281144, EPI_ISL_1281156, EPI_ISL_1281158, EPI_ISL_1281161, EPI_ISL_1281165, EPI_ISL_1281169	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281193	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1281328	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281331	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1281344	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1281347	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281350	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1281368	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1281373	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281396	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1281398, EPI_ISL_1281424	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281430	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281461	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281470	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1281477	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281497	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1281518	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281541	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281545	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281550	amedes MVZ Zentrum für Pathologie und Zytodiagnostik GmbH (Köln)	Robert Koch Institute	unknown
EPI_ISL_1281555	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1281578	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281585, EPI_ISL_1281735	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown

EPI_ISL_1281777, EPI_ISL_1281780	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1281805, EPI_ISL_1281820	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1281829, EPI_ISL_1281842, EPI_ISL_1281849, EPI_ISL_1281852, EPI_ISL_1281853, EPI_ISL_1281856, EPI_ISL_1281863, EPI_ISL_1281865, EPI_ISL_1281869, EPI_ISL_1281871, EPI_ISL_1281876, EPI_ISL_1281883, EPI_ISL_1281894, EPI_ISL_1281898, EPI_ISL_1281901, EPI_ISL_1281903, EPI_ISL_1281904			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1281913, EPI_ISL_1281919, EPI_ISL_1281956	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1281965, EPI_ISL_1281968	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1281969, EPI_ISL_1281971, EPI_ISL_1281978, EPI_ISL_1281989	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1282009	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1282020	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1282043	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1282050, EPI_ISL_1282098, EPI_ISL_1282125	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1282128	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1282146	Klinikum Fulda gAG	Robert Koch Institute	unknown
EPI_ISL_1282170, EPI_ISL_1282200	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1282234	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1282252	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1282266, EPI_ISL_1282268	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1282270	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1282274	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1282285	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1282297	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1282301	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1282312	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1282351	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1282770	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1282782	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1282786	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1282796, EPI_ISL_1282799, EPI_ISL_1282803, EPI_ISL_1282804	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1282807	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1282820	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1282996, EPI_ISL_1283006, EPI_ISL_1283060, EPI_ISL_1283078, EPI_ISL_1283089, EPI_ISL_1283105, EPI_ISL_1283111	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283127	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1283135, EPI_ISL_1283136, EPI_ISL_1283142, EPI_ISL_1283149, EPI_ISL_1283150	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283163	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283199	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283206	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283229, EPI_ISL_1283230	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283686, EPI_ISL_1283706, EPI_ISL_1283748	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1284554, EPI_ISL_1284566	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284580	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284589, EPI_ISL_1284598, EPI_ISL_1284602	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284615, EPI_ISL_1284649, EPI_ISL_1284696	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284702, EPI_ISL_1284723, EPI_ISL_1284730, EPI_ISL_1284734, EPI_ISL_1284758, EPI_ISL_1284761, EPI_ISL_1284767, EPI_ISL_1284770, EPI_ISL_1284773, EPI_ISL_1284775	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284779	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284780, EPI_ISL_1284802, EPI_ISL_1284803, EPI_ISL_1284805	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284808	Sonic - MVZ Medizinisches Labor Nord GmbH Kiel	Robert Koch Institute	unknown

EPI_ISL_1284810	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284828, EPI_ISL_1284833	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284857, EPI_ISL_1284879	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284924, EPI_ISL_1284926, EPI_ISL_1284932, EPI_ISL_1284934, EPI_ISL_1284935, EPI_ISL_1284936, EPI_ISL_1284945	KRH Klinikum Region Hannover: Institut für Med. Mikrobiologie und Krankenhaushygiene	Robert Koch Institute	unknown
EPI_ISL_1284949, EPI_ISL_1284950, EPI_ISL_1284958, EPI_ISL_1284961, EPI_ISL_1284966, EPI_ISL_1284970, EPI_ISL_1284971, EPI_ISL_1284974, EPI_ISL_1284980, EPI_ISL_1284981, EPI_ISL_1284982, EPI_ISL_1284985, EPI_ISL_1284987, EPI_ISL_1284988, EPI_ISL_1284993, EPI_ISL_1284994, EPI_ISL_1284995, EPI_ISL_1284999, EPI_ISL_1285004, EPI_ISL_1285008, EPI_ISL_1285009, EPI_ISL_1285010, EPI_ISL_1285016, EPI_ISL_1285018, EPI_ISL_1285020, EPI_ISL_1285021, EPI_ISL_1285022, EPI_ISL_1285029, EPI_ISL_1285031, EPI_ISL_1285032, EPI_ISL_1285036, EPI_ISL_1285042			
see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1285696	Sonic - MVZ Medizinisches Labor Nord GmbH Kiel	Robert Koch Institute	unknown
EPI_ISL_1285719, EPI_ISL_1285723	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1285748	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285777	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1285826, EPI_ISL_1285838	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1287865, EPI_ISL_1287899, EPI_ISL_1287903, EPI_ISL_1287918, EPI_ISL_1287920, EPI_ISL_1287922, EPI_ISL_1287923, EPI_ISL_1287934, EPI_ISL_1287938, EPI_ISL_1287944, EPI_ISL_1287945, EPI_ISL_1287966, EPI_ISL_1287972, EPI_ISL_1287979, EPI_ISL_1287980, EPI_ISL_1287982, EPI_ISL_1287984, EPI_ISL_1287986, EPI_ISL_1287989, EPI_ISL_1287991, EPI_ISL_1287993, EPI_ISL_1287994, EPI_ISL_1287996, EPI_ISL_1287999, EPI_ISL_1288004, EPI_ISL_1288005, EPI_ISL_1288010, EPI_ISL_1288031, EPI_ISL_1288036, EPI_ISL_1288040, EPI_ISL_1288044, EPI_ISL_1288053, EPI_ISL_1288120, EPI_ISL_1288123, EPI_ISL_1288126, EPI_ISL_1288128, EPI_ISL_1288132, EPI_ISL_1288138, EPI_ISL_1288140, EPI_ISL_1288616, EPI_ISL_1288650, EPI_ISL_1288654, EPI_ISL_1288669, EPI_ISL_1288671, EPI_ISL_1288673, EPI_ISL_1288674, EPI_ISL_1288685, EPI_ISL_1288689, EPI_ISL_1288695, EPI_ISL_1288696, EPI_ISL_1288717, EPI_ISL_1288723, EPI_ISL_1288730, EPI_ISL_1288731, EPI_ISL_1288733, EPI_ISL_1288735, EPI_ISL_1288737, EPI_ISL_1288740, EPI_ISL_1288742, EPI_ISL_1288744, EPI_ISL_1288745, EPI_ISL_1288747, EPI_ISL_1288750, EPI_ISL_1288755, EPI_ISL_1288756, EPI_ISL_1288761, EPI_ISL_1288782, EPI_ISL_1288787, EPI_ISL_1288791, EPI_ISL_1288795, EPI_ISL_1288804, EPI_ISL_1288871, EPI_ISL_1288874, EPI_ISL_1288877, EPI_ISL_1288879, EPI_ISL_1288883, EPI_ISL_1288889, EPI_ISL_1288891, EPI_ISL_1288908, EPI_ISL_1288942, EPI_ISL_1288946, EPI_ISL_1288952, EPI_ISL_1288957, EPI_ISL_1288958, EPI_ISL_1288959, EPI_ISL_1288965, EPI_ISL_1288966, EPI_ISL_1288970, EPI_ISL_1288972, EPI_ISL_1288973, EPI_ISL_1289001, EPI_ISL_1289022, EPI_ISL_1289027, EPI_ISL_1289029, EPI_ISL_1289036, EPI_ISL_1289038, EPI_ISL_1289042, EPI_ISL_1289045, EPI_ISL_1289048, EPI_ISL_1289049, EPI_ISL_1289051, EPI_ISL_1289060, EPI_ISL_1289064, EPI_ISL_1289076, EPI_ISL_1289080, EPI_ISL_1289137, EPI_ISL_1289146, EPI_ISL_1289151, EPI_ISL_1289158, EPI_ISL_1289160, EPI_ISL_1289163, EPI_ISL_1289210			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1289563, EPI_ISL_1289598, EPI_ISL_1289642, EPI_ISL_1289651, EPI_ISL_1289674, EPI_ISL_1289675, EPI_ISL_1289676, EPI_ISL_1289677, EPI_ISL_1289678, EPI_ISL_1289703, EPI_ISL_1289704, EPI_ISL_1289705, EPI_ISL_1289727			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1290806	siesp Chieti	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1293012, EPI_ISL_1293018, EPI_ISL_1293032	MD Public Health Laboratory	MD Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1293166, EPI_ISL_1293168, EPI_ISL_1293169, EPI_ISL_1293170, EPI_ISL_1293171, EPI_ISL_1293172, EPI_ISL_1293173, EPI_ISL_1293174, EPI_ISL_1293226, EPI_ISL_1293228	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1294656, EPI_ISL_1295095, EPI_ISL_1295139, EPI_ISL_1295158	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, Jeffrey Barrett, 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_1296678	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1296975	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1298181, EPI_ISL_1298186	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1298429	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299382, EPI_ISL_1299383, EPI_ISL_1299385, EPI_ISL_1299390, EPI_ISL_1299393, EPI_ISL_1299394, EPI_ISL_1299397, EPI_ISL_1299398, EPI_ISL_1299399, EPI_ISL_1299401, EPI_ISL_1299408, EPI_ISL_1299411, EPI_ISL_1299412, EPI_ISL_1299415, EPI_ISL_1299416, EPI_ISL_1299419, EPI_ISL_1299421, EPI_ISL_1299427, EPI_ISL_1299433, EPI_ISL_1299435, EPI_ISL_1299436, EPI_ISL_1299437, EPI_ISL_1299438, EPI_ISL_1299439, EPI_ISL_1299440, EPI_ISL_1299441, EPI_ISL_1299442, EPI_ISL_1299447, EPI_ISL_1299448, EPI_ISL_1299450			
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EPI_ISL_1299530	Istituto Zooprofilattico Sperimentale Umbria e Marche "Togo Rosati"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Biagetti m, Giammarioli M, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1299533, EPI_ISL_1299534, EPI_ISL_1299535, EPI_ISL_1299537, EPI_ISL_1299538, EPI_ISL_1299542	Istituto Zooprofilattico Sperimentale Umbria e Marche "Togo Rosati"	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Biagetti M, Giammarioli M, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1299567, EPI_ISL_1299568	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A, Camilloni B,Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1300102	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1300289, EPI_ISL_1300295, EPI_ISL_1300296	Klinisk mikrobiologi	The Public Health Agency of Sweden	Samuel Ohman, Maria Lind Karlberg, Anna-Malin Linde, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1301807	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Guinoiseau Thibault
EPI_ISL_1301810	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Coste-Burel Marianne
EPI_ISL_1301821, EPI_ISL_1301822	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Roquebert BéNéDicte
EPI_ISL_1301823, EPI_ISL_1301824, EPI_ISL_1301825, EPI_ISL_1301826,	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Guigon AuréLie

EPI_ISL_1301827				
EPI_ISL_1301828	hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Paluch Maxime	
EPI_ISL_1301831	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Ramanantsoa CêLine	
EPI_ISL_1301833	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guigon AuréLie	
EPI_ISL_1301839, EPI_ISL_1301840, EPI_ISL_1301841	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guinoiseau Thibault	
EPI_ISL_1301843	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Coste-Burel Marianne	
EPI_ISL_1301851	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Ramanantsoa CêLine	
EPI_ISL_1301853	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Griscelli Franck	
EPI_ISL_1301865	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Roquebert Bénédicte	
EPI_ISL_1301866, EPI_ISL_1301867, EPI_ISL_1301868, EPI_ISL_1301869, EPI_ISL_1301870, EPI_ISL_1301871, EPI_ISL_1301872, EPI_ISL_1301873	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Guigon AuréLie	
EPI_ISL_1301874	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Descamps Dominique	
EPI_ISL_1301875, EPI_ISL_1301876	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Paluch Maxime	
EPI_ISL_1301971, EPI_ISL_1301973, EPI_ISL_1301978	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun	
EPI_ISL_1302716	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas	
EPI_ISL_1303405	Pomona Valley Hospital Medical Center	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1303463	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1303475, EPI_ISL_1303476, EPI_ISL_1303477, EPI_ISL_1303488	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1304307, EPI_ISL_1304311, EPI_ISL_1304339, EPI_ISL_1304345, EPI_ISL_1304346, EPI_ISL_1304361, EPI_ISL_1304364, EPI_ISL_1304369, EPI_ISL_1304372, EPI_ISL_1305269, EPI_ISL_1305270, EPI_ISL_1305271, EPI_ISL_1305272, EPI_ISL_1305273, EPI_ISL_1305280, EPI_ISL_1305283, EPI_ISL_1305295, EPI_ISL_1305296, EPI_ISL_1305298, EPI_ISL_1305300, EPI_ISL_1305316, EPI_ISL_1305319, EPI_ISL_1305322, EPI_ISL_1305330, EPI_ISL_1305483, EPI_ISL_1305502, EPI_ISL_1305508, EPI_ISL_1305522, EPI_ISL_1305523, EPI_ISL_1305524, EPI_ISL_1305525, EPI_ISL_1305530, EPI_ISL_1305531, EPI_ISL_1305533, EPI_ISL_1305534				
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser	
EPI_ISL_1305796, EPI_ISL_1305797	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussen, Herman Goossens	
EPI_ISL_1305822, EPI_ISL_1305851, EPI_ISL_1305884, EPI_ISL_1305885	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa	
EPI_ISL_1307637	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1307937	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli	
EPI_ISL_1308647, EPI_ISL_1308648, EPI_ISL_1308654	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli	
EPI_ISL_1308776, EPI_ISL_1308810	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K	
EPI_ISL_1308868, EPI_ISL_1308870, EPI_ISL_1308877, EPI_ISL_1308881, EPI_ISL_1308882	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_1308891, EPI_ISL_1308922, EPI_ISL_1308928, EPI_ISL_1308929, EPI_ISL_1308931, EPI_ISL_1308932, EPI_ISL_1308933, EPI_ISL_1308934	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	
EPI_ISL_1309544	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham	
EPI_ISL_1309665, EPI_ISL_1309693	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. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady	
EPI_ISL_1309713, EPI_ISL_1309714	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_1309788	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	

EPI_ISL_1310336, EPI_ISL_1310342, EPI_ISL_1310343, EPI_ISL_1310344, EPI_ISL_1310345, EPI_ISL_1310346, EPI_ISL_1310347, EPI_ISL_1310438, EPI_ISL_1310441	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett,Salman Goudarzi,Christopher Fearn,Kate Cook,Katie Loveson,Sharon Glaysheer,Scott Elliott,Samuel Robson
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EPI_ISL_1310814, EPI_ISL_1310817	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Brona Brejova, Viktoria Cabanova, Kristina Borsova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukackikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Jozef Nosek, Boris Klempa
EPI_ISL_1311116, EPI_ISL_1311120, EPI_ISL_1311121, EPI_ISL_1311144, EPI_ISL_1311185	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijs, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1312721, EPI_ISL_1312727	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansons, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1312830, EPI_ISL_1312831	DYOMEDEA LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312832, EPI_ISL_1312833, EPI_ISL_1312834	CH ARDECHE NORD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312835	CH NIORT	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312836, EPI_ISL_1312837	ASTRALAB	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312838	DYOMEDEA LYON	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312839, EPI_ISL_1312840, EPI_ISL_1312841	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312842	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312843	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312844	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312845	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312846, EPI_ISL_1312847	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312848	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312849	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312850	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312852, EPI_ISL_1312853	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312854	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312855	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312856	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312857, EPI_ISL_1312858	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312859, EPI_ISL_1312860	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312861	CHU TOULOUSE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312862, EPI_ISL_1312863, EPI_ISL_1312864, EPI_ISL_1312865, EPI_ISL_1312866, EPI_ISL_1312867, EPI_ISL_1312868, EPI_ISL_1312869, EPI_ISL_1312870, EPI_ISL_1312871, EPI_ISL_1312872, EPI_ISL_1312873, EPI_ISL_1312874, EPI_ISL_1312875, EPI_ISL_1312876	see above	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312877, EPI_ISL_1312878, EPI_ISL_1312879	CH ALBI	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312880	CHU CLERMONT FERRAND	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312881, EPI_ISL_1312882	ASTRALAB	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312883, EPI_ISL_1312884, EPI_ISL_1312885	CHU CLERMONT FERRAND	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312886, EPI_ISL_1312887	MEDIPOLE CHALLES LES EAUX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312888, EPI_ISL_1312889, EPI_ISL_1312890	NOVELAB	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312945, EPI_ISL_1312946	CENTRE HOSPITALIER DU HAUT BUGEY	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312947	INSTITUT BERGONIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1313290, EPI_ISL_1313293, EPI_ISL_1313295, EPI_ISL_1313298, EPI_ISL_1313300, EPI_ISL_1313301, EPI_ISL_1313302, EPI_ISL_1313308, EPI_ISL_1313309, EPI_ISL_1313311, EPI_ISL_1313312, EPI_ISL_1313313, EPI_ISL_1313315, EPI_ISL_1313317, EPI_ISL_1313322, EPI_ISL_1313323, EPI_ISL_1313357, EPI_ISL_1313362, EPI_ISL_1313466, EPI_ISL_1313478, EPI_ISL_1313493, EPI_ISL_1313499	see above	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Brodsson, Robert Dyrda, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valter Wirta
EPI_ISL_1314168, EPI_ISL_1314169	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1314498, EPI_ISL_1314510	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 Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1314536	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1315272, EPI_ISL_1315273	Vilnius University Hospital Santaros Klinikos	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1315277	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1315578	AZ Klina	AZ Klina	Carl Vael, Lynsey Berckmans
EPI_ISL_1316008	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, Jeffrey Barrett, 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_1317211	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, Jeffrey Barrett, 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_1317278	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317279	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317576, EPI_ISL_1317577, EPI_ISL_1317578, EPI_ISL_1317579	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1317580, EPI_ISL_1317581, EPI_ISL_1317582	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1318259	IL Department of Public Health Chicago Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_1321763, EPI_ISL_1321769, EPI_ISL_1321784	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G	
EPI_ISL_1321871	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin	
EPI_ISL_1321901, EPI_ISL_1321902	LIC	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Elina Dimina, Reinis Zeltmatis, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klavins	
EPI_ISL_1322031, EPI_ISL_1322032, EPI_ISL_1322034, EPI_ISL_1322035, EPI_ISL_1322093, EPI_ISL_1322105	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt	
EPI_ISL_1322109, EPI_ISL_1322111, EPI_ISL_1322112, EPI_ISL_1322114, EPI_ISL_1322115, EPI_ISL_1322116, EPI_ISL_1322117, EPI_ISL_1322118, EPI_ISL_1322119, EPI_ISL_1322120, EPI_ISL_1322123, EPI_ISL_1322124, EPI_ISL_1322126, EPI_ISL_1322127, EPI_ISL_1322128, EPI_ISL_1322129, EPI_ISL_1322130, EPI_ISL_1322131, EPI_ISL_1322133, EPI_ISL_1322134, EPI_ISL_1322135, EPI_ISL_1322136, EPI_ISL_1322137, EPI_ISL_1322138, EPI_ISL_1322139, EPI_ISL_1322140, EPI_ISL_1322141, EPI_ISL_1322142, EPI_ISL_1322143, EPI_ISL_1322144, EPI_ISL_1322145, EPI_ISL_1322146, EPI_ISL_1322147, EPI_ISL_1322148, EPI_ISL_1322150, EPI_ISL_1322151, EPI_ISL_1322155, EPI_ISL_1322156, EPI_ISL_1322160, EPI_ISL_1322161, EPI_ISL_1322162, EPI_ISL_1322163, EPI_ISL_1322164, EPI_ISL_1322165	see above	Microbiology Department, Laboratori Clinic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IRSI/CAIXA/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1322236, EPI_ISL_1322275	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Løvestad	
EPI_ISL_1323175, EPI_ISL_1323177	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1323984, EPI_ISL_1323993, EPI_ISL_1323995	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 Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1324575	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olendraitė, Gytis Dudas, Rimvydas Norvilas, Dovilė Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius	
EPI_ISL_1324653	National Medical Research Center for Obstetrics, Gynecology and Perinatology named after Academician V.I.Kulakov of the Ministry of Healthcare of Russian Federation	National Medical Research Center for Obstetrics, Gynecology and Perinatology named after Academician V.I.Kulakov of the Ministry of Healthcare of Russian Federation	Jekaterina Shubina, Andrey Goltsov, Denis Rebrikov, Dmitry Korostin, Yegor Botsmanov, Dmitry Abramov, Andrey Donnikov, Tatiana Priputnevich, Dmitry Trofimov	
EPI_ISL_1324655, EPI_ISL_1324656, EPI_ISL_1324731, EPI_ISL_1324732, EPI_ISL_1324733, EPI_ISL_1324734	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1324735	Hospital del Oriente de Asturias	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S	
EPI_ISL_1327275, EPI_ISL_1327392	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, Jeffrey Barrett, 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_1329035, EPI_ISL_1329060, EPI_ISL_1329064, EPI_ISL_1329069, EPI_ISL_1329070, EPI_ISL_1329074, EPI_ISL_1329099, EPI_ISL_1329111, EPI_ISL_1329116, EPI_ISL_1329140, EPI_ISL_1329144, EPI_ISL_1329145, EPI_ISL_1330042, EPI_ISL_1330055, EPI_ISL_1330058, EPI_ISL_1330076, EPI_ISL_1330086, EPI_ISL_1330099	see above	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, Jeffrey Barrett, 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_1332845, EPI_ISL_1332848, EPI_ISL_1332849, EPI_ISL_1332852, EPI_ISL_1332854, EPI_ISL_1332855, EPI_ISL_1332856, EPI_ISL_1332865, EPI_ISL_1332868, EPI_ISL_1332871, EPI_ISL_1332872, EPI_ISL_1332873, EPI_ISL_1332874, EPI_ISL_1332878, EPI_ISL_1332882, EPI_ISL_1332884, EPI_ISL_1332891, EPI_ISL_1332894, EPI_ISL_1332897, EPI_ISL_1332899, EPI_ISL_1332903, EPI_ISL_1332904, EPI_ISL_1332905, EPI_ISL_1332916, EPI_ISL_1332917, EPI_ISL_1332918	see above	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, Jeffrey Barrett, 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_1332919, EPI_ISL_1332922, EPI_ISL_1332934	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, Jeffrey Barrett, 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_1332939	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1333357, EPI_ISL_1333363, EPI_ISL_1333385, EPI_ISL_1333399, EPI_ISL_1333401, EPI_ISL_1333405	see above	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, Jeffrey Barrett, 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_1333482, EPI_ISL_1333483, EPI_ISL_1333484, EPI_ISL_1333485, EPI_ISL_1333493, EPI_ISL_1333494, EPI_ISL_1333495, EPI_ISL_1333501, EPI_ISL_1333506	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, Jeffrey Barrett, 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_1333511	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, Jeffrey Barrett, 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_1333512	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, Jeffrey Barrett, 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_1333565, EPI_ISL_1333568, EPI_ISL_1333575, EPI_ISL_1333577, EPI_ISL_1333588, EPI_ISL_1333604, EPI_ISL_1333874	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, Jeffrey Barrett, 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_1334335	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1334488, EPI_ISL_1334490, EPI_ISL_1334492, EPI_ISL_1334495, EPI_ISL_1334496, EPI_ISL_1334498	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1335544	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1336337	hopital	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Gastli Nabil
EPI_ISL_1336342, EPI_ISL_1336344	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Leonard Pierre-Yves
EPI_ISL_1336345, EPI_ISL_1336346, EPI_ISL_1336347	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Said-Delattre Ophélie
EPI_ISL_1336350	Labo Analyses Med	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 Enouf, Maud Vanpeene, Sylvie van der Werf, Roquebert Bénédicte
EPI_ISL_1336498, EPI_ISL_1336505, EPI_ISL_1336508	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorraín A, Gomez M, Cilla G.
EPI_ISL_1337769, EPI_ISL_1337791, EPI_ISL_1337796, EPI_ISL_1337798, EPI_ISL_1337812, EPI_ISL_1337822	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul
EPI_ISL_1340183	NJDOH, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1341199, EPI_ISL_1341584	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1347098	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTiP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1349755, EPI_ISL_1349775	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1350119	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1350703	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1350973, EPI_ISL_1350982, EPI_ISL_1350986, EPI_ISL_1350998, EPI_ISL_1351012, EPI_ISL_1351017, EPI_ISL_1351018, EPI_ISL_1351025, EPI_ISL_1351034, EPI_ISL_1351046	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351072	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1351074	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351094	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1351095	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351109	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1351113	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351115	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1351140, EPI_ISL_1351142, EPI_ISL_1351170, EPI_ISL_1351174, EPI_ISL_1351177	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351311, EPI_ISL_1351317, EPI_ISL_1351327	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1352134	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1352294, EPI_ISL_1352300, EPI_ISL_1352308	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353076	Labor Mönchengladbach MVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1353150, EPI_ISL_1353191	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1353218	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353705, EPI_ISL_1353865	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1353980	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1353994	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354000	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1354028	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1354131	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1354181	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354217	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown

EPI_ISL_1354230	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1354243	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354249	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1354550, EPI_ISL_1354554	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1354583	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1354586, EPI_ISL_1354588, EPI_ISL_1354601, EPI_ISL_1354602	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1355288, EPI_ISL_1355290, EPI_ISL_1355293	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1357027	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1358268, EPI_ISL_1358281, EPI_ISL_1358282	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1360133, EPI_ISL_1360139, EPI_ISL_1360140, EPI_ISL_1360141, EPI_ISL_1360142, EPI_ISL_1360143, EPI_ISL_1360144	Hospital Universitari Bellvitge	Microbiology Department	Sara Marti, Aida Gonzalez-Diaz, Laura Calatayud, Jordi Niubó, Miguel Fernandez-Huerta, Carmen Ardanuy, Jordi Camara, M Angeles Dominguez
EPI_ISL_1362483, EPI_ISL_1362484, EPI_ISL_1362486, EPI_ISL_1362487	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1363200, EPI_ISL_1363202, EPI_ISL_1363204	UAB Diagnostikos laboratorija	Institute of Biotechnology, Life Sciences Center, Vilnius University	Emilija Vasiluinaite, Milda Norkiene, Danguole Ziogiene, Albertas Timinskas, Alma Gedvilaite
EPI_ISL_1363786	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_1364978	Universitätsklinikum Knappschafts Krankenhaus Bochum	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364997, EPI_ISL_1364998	Bundeswehrzentral Krankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365343, EPI_ISL_1365351	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, Jeffrey Barrett, 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_1365682	Lithuanian University of Health Sciences	Lithuanian University of Health Sciences	Arnoldas Pautienius, Kamile Tamusauskaite, Gediminas Alzbutas, Dovydas Gecys, Lukas Zemaitis, Vaiva Lesauskaite
EPI_ISL_1366092, EPI_ISL_1366097	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1367669, EPI_ISL_1367727, EPI_ISL_1367728, EPI_ISL_1367730, EPI_ISL_1367732, EPI_ISL_1367733, EPI_ISL_1367734, EPI_ISL_1367735, EPI_ISL_1367763, EPI_ISL_1367764, EPI_ISL_1367772, EPI_ISL_1367788, EPI_ISL_1367782			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1369088, EPI_ISL_1369126, EPI_ISL_1369128, EPI_ISL_1369130, EPI_ISL_1369132, EPI_ISL_1369133, EPI_ISL_1369139, EPI_ISL_1369142, EPI_ISL_1369143, EPI_ISL_1369144, EPI_ISL_1369153, EPI_ISL_1369155, EPI_ISL_1369156, EPI_ISL_1369159, EPI_ISL_1369160, EPI_ISL_1369161			
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EPI_ISL_1369392	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1369735, EPI_ISL_1369745, EPI_ISL_1369748, EPI_ISL_1369752, EPI_ISL_1369760, EPI_ISL_1369769, EPI_ISL_1369776, EPI_ISL_1369779, EPI_ISL_1369812, EPI_ISL_1369841, EPI_ISL_1369851, EPI_ISL_1369862, EPI_ISL_1369864, EPI_ISL_1369869, EPI_ISL_1369874, EPI_ISL_1369899, EPI_ISL_1369907, EPI_ISL_1369925, EPI_ISL_1369946, EPI_ISL_1369947, EPI_ISL_1369948, EPI_ISL_1369949, EPI_ISL_1369950, EPI_ISL_1369953, EPI_ISL_1369956, EPI_ISL_1369960, EPI_ISL_1370142			
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EPI_ISL_1370225	ICH-SION	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370295, EPI_ISL_1370297, EPI_ISL_1370311, EPI_ISL_1370322, EPI_ISL_1370326, EPI_ISL_1370465, EPI_ISL_1370471, EPI_ISL_1370529, EPI_ISL_1370531, EPI_ISL_1370549, EPI_ISL_1370566, EPI_ISL_1370598, EPI_ISL_1370604, EPI_ISL_1370617, EPI_ISL_1370648, EPI_ISL_1370689, EPI_ISL_1370712, EPI_ISL_1370718, EPI_ISL_1370722, EPI_ISL_1370745, EPI_ISL_1370889, EPI_ISL_1370890, EPI_ISL_1370891, EPI_ISL_1370897, EPI_ISL_1370898, EPI_ISL_1370899, EPI_ISL_1370900, EPI_ISL_1370907, EPI_ISL_1370908, EPI_ISL_1370910, EPI_ISL_1370911, EPI_ISL_1370912, EPI_ISL_1370916, EPI_ISL_1370917, EPI_ISL_1370918, EPI_ISL_1370925, EPI_ISL_1370927, EPI_ISL_1370928, EPI_ISL_1370934, EPI_ISL_1370935, EPI_ISL_1370936, EPI_ISL_1370941, EPI_ISL_1370945, EPI_ISL_1370946, EPI_ISL_1370947, EPI_ISL_1371231, EPI_ISL_1371240, EPI_ISL_1371352, EPI_ISL_1371361, EPI_ISL_1371362, EPI_ISL_1371372, EPI_ISL_1371373, EPI_ISL_1371383, EPI_ISL_1371384, EPI_ISL_1371393, EPI_ISL_1371402, EPI_ISL_1371407, EPI_ISL_1371408, EPI_ISL_1371448, EPI_ISL_1371589, EPI_ISL_1371617			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1372207, EPI_ISL_1372208	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372268	AP SSO	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Lamuk Zaveri, Ara Sreenivas, Onkar Kulkarni, Sofia Banu, Shreekant Verma, Amareshwar Vodapalli, Viswagithe S L, B Himasri, Sharath Chandra Thota, Karthik Bharadwaj Tallapaka, Rakesh K Mishra, Divya Tej Sowpati
EPI_ISL_1372907, EPI_ISL_1372928	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1372972, EPI_ISL_1372979	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1373095, EPI_ISL_1373097	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1374072, EPI_ISL_1374075, EPI_ISL_1374078, EPI_ISL_1374091, EPI_ISL_1374093, EPI_ISL_1374097, EPI_ISL_1374106, EPI_ISL_1374114, EPI_ISL_1374118, EPI_ISL_1374124, EPI_ISL_1374126, EPI_ISL_1374127, EPI_ISL_1374129, EPI_ISL_1374131, EPI_ISL_1374145, EPI_ISL_1374146, EPI_ISL_1374149, EPI_ISL_1374154, EPI_ISL_1374155, EPI_ISL_1374160, EPI_ISL_1374161, EPI_ISL_1374167, EPI_ISL_1374176, EPI_ISL_1374179, EPI_ISL_1374181, EPI_ISL_1374192, EPI_ISL_1374199, EPI_ISL_1374203, EPI_ISL_1374210, EPI_ISL_1374216, EPI_ISL_1374222, EPI_ISL_1374232, EPI_ISL_1374235, EPI_ISL_1374237, EPI_ISL_1374241, EPI_ISL_1374247, EPI_ISL_1374251, EPI_ISL_1374254, EPI_ISL_1374255, EPI_ISL_1374257, EPI_ISL_1374258, EPI_ISL_1374266, EPI_ISL_1374267, EPI_ISL_1374268, EPI_ISL_1374277, EPI_ISL_1374278, EPI_ISL_1374293, EPI_ISL_1374296, EPI_ISL_1374297, EPI_ISL_1374300, EPI_ISL_1374301, EPI_ISL_1374302, EPI_ISL_1374308, EPI_ISL_1374311, EPI_ISL_1374312, EPI_ISL_1374313, EPI_ISL_1374317, EPI_ISL_1374318, EPI_ISL_1374322, EPI_ISL_1374323, EPI_ISL_1374324, EPI_ISL_1374325, EPI_ISL_1374330			
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1378687, EPI_ISL_1378688, EPI_ISL_1378689	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1379587, EPI_ISL_1379589	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1380505, EPI_ISL_1380623, EPI_ISL_1380624, EPI_ISL_1380625, EPI_ISL_1380654, EPI_ISL_1380656, EPI_ISL_1380658, EPI_ISL_1380692, EPI_ISL_1380693, EPI_ISL_1380694, EPI_ISL_1380695, EPI_ISL_1380699, EPI_ISL_1380702, EPI_ISL_1380703, EPI_ISL_1380704, EPI_ISL_1380707, EPI_ISL_1380709, EPI_ISL_1380710, EPI_ISL_1380723, EPI_ISL_1380765, EPI_ISL_1380778, EPI_ISL_1380779, EPI_ISL_1380780, EPI_ISL_1380782, EPI_ISL_1380784, EPI_ISL_1380786, EPI_ISL_1380797, EPI_ISL_1380830, EPI_ISL_1380831, EPI_ISL_1380833, EPI_ISL_1380838, EPI_ISL_1380842, EPI_ISL_1380843, EPI_ISL_1380844			

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EPI_ISL_1381155	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Hecquet Denise
EPI_ISL_1381163, EPI_ISL_1381164	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Bastian Sylvaïne
EPI_ISL_1381313, EPI_ISL_1381329, EPI_ISL_1381330, EPI_ISL_1381331, EPI_ISL_1381368, EPI_ISL_1381369, EPI_ISL_1381370, EPI_ISL_1381371, EPI_ISL_1381372, EPI_ISL_1381373, EPI_ISL_1381374, EPI_ISL_1381375, EPI_ISL_1381376, EPI_ISL_1381380	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Sorin Dinu, Mihaela Lazar
EPI_ISL_1381882	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1382690, EPI_ISL_1382691, EPI_ISL_1382692, EPI_ISL_1382693, EPI_ISL_1382694, EPI_ISL_1382695, EPI_ISL_1382696, EPI_ISL_1382701	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1383728, EPI_ISL_1383729, EPI_ISL_1383730, EPI_ISL_1383731, EPI_ISL_1383732, EPI_ISL_1383733	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383984, EPI_ISL_1383986, EPI_ISL_1383987, EPI_ISL_1383989, EPI_ISL_1383998, EPI_ISL_1384002	Hospital Center Emile Mayrisch	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Cynthia Oxacelay, Tamir Abdelrahman
EPI_ISL_1384480, EPI_ISL_1384482, EPI_ISL_1384489, EPI_ISL_1384494, EPI_ISL_1384499, EPI_ISL_1384500, EPI_ISL_1384503, EPI_ISL_1384505, EPI_ISL_1384506, EPI_ISL_1384511, EPI_ISL_1384513, EPI_ISL_1384514	Laboratoires d'analyses medicales - Ketterhill	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Serge Vedy, Caroline Scheiber, Tamir Abdelrahman
EPI_ISL_1385888	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1386441	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1386653	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1386786	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaïhi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1387171, EPI_ISL_1387172, EPI_ISL_1387174	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1387206, EPI_ISL_1387209, EPI_ISL_1387210	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1387637	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1387707, EPI_ISL_1387721, EPI_ISL_1387723	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiariini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388766	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett,Salman Goudarzi,Christopher Fearn,Kate Cook,Katie Loveson,Sharon Glaysher,Scott Elliott,Samuel Robson
EPI_ISL_1389158	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1389417, EPI_ISL_1389440, EPI_ISL_1389592	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, 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_1392984, EPI_ISL_1393045, EPI_ISL_1393046, EPI_ISL_1393101, EPI_ISL_1393102, EPI_ISL_1393118, EPI_ISL_1393119, EPI_ISL_1393120, EPI_ISL_1393121, EPI_ISL_1393122, EPI_ISL_1393123, EPI_ISL_1393124, EPI_ISL_1393125, EPI_ISL_1393126, EPI_ISL_1393127, EPI_ISL_1393128	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1393968, EPI_ISL_1393969, EPI_ISL_1393971	LABORATORIUM BADA KLINICZNYCH WSSE w OPOLU	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394043, EPI_ISL_1394045, EPI_ISL_1394053, EPI_ISL_1394054, EPI_ISL_1394055	Bruss	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394066	WSSE w Gdasku	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394077	Wojskowy Instytut Medyczny	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394082	Narodowy Instytut Onkologii im. Marii Skłodowskiej-Curie Pastwowy Instytut Badawczy	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394083, EPI_ISL_1394084, EPI_ISL_1394085	Powiatowa Stacja Sanitarno-Epidemiologiczna w Radomiu	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394088, EPI_ISL_1394089, EPI_ISL_1394090	Instytut "Pomnik-Centrum Zdrowia Dziecka" Zakad Mikrobiologii i Immunologii Klinicznej	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394093	WSSE w Bydgoszczy-laboratorium	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394099, EPI_ISL_1394100	Alab Laboratoria Sp. z o. o.	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394115, EPI_ISL_1394116,	Diagnostyka Sp. z o.o.	1. National Institute of Public Health - National Institute of	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC

EPI_ISL_1394117, EPI_ISL_1394118		Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	COVID-19 WGS support team
EPI_ISL_1394119, EPI_ISL_1394131, EPI_ISL_1394133	Laboratorium Medyczne LAB-MED	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394143, EPI_ISL_1394144, EPI_ISL_1394145, EPI_ISL_1394146, EPI_ISL_1394147, EPI_ISL_1394148, EPI_ISL_1394149	WSSE w Krakowie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394164, EPI_ISL_1394165, EPI_ISL_1394166, EPI_ISL_1394167, EPI_ISL_1394168, EPI_ISL_1394169, EPI_ISL_1394173	Diagnostyka Sp. z o. o. Kraków	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394181, EPI_ISL_1394183, EPI_ISL_1394184	Laboratorum Epidemiologii WSSE w Szczecinie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394202	NZOZ Meditest Diagnostyka Medyczna	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394204, EPI_ISL_1394205, EPI_ISL_1394208	Centrum Medycyny Klinicznej dr n.med. Karol Majewski - DiMedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394211	DiMedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394214, EPI_ISL_1394215, EPI_ISL_1394217	Dimedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394218	Centrum Medycyny Klinicznej dr n.med. Karol Majewski - DiMedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394227	Centrum Medycyny Klinicznej dr n. med. Karol Majewski Di MEDICAL	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394228	Centrum Medycyny Klinicznej dr n. med. Karol Majewski Di MEDICALi	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394230	Centrum Medycyny Klinicznej dr n. med. Karol Majewski Di MEDICAL	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394237, EPI_ISL_1394238, EPI_ISL_1394239	Laboratorium Medyczne BIOLAB	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394249, EPI_ISL_1394250	Diagnostyka Sp.z o.o.	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394261, EPI_ISL_1394262	WSSE w Olsztynie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394279, EPI_ISL_1394280	Laboratorium Analiz Lekarskich Alab Rzeszów	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394290	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	1. Virogenetics Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1394796	"InMedica"	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Rima Vainoriene, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1394834	Medicina practica laboratorija	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Rima Vainoriene, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1396813, EPI_ISL_1396814, EPI_ISL_1396815, EPI_ISL_1396816, EPI_ISL_1396817, EPI_ISL_1396819, EPI_ISL_1396821, EPI_ISL_1396822	Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1396823	LABM BIOLAM CLINIQUE ESTREE	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1396828, EPI_ISL_1396834, EPI_ISL_1396835, EPI_ISL_1396836	Groupe LCD	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1396859, EPI_ISL_1396862, EPI_ISL_1396864, EPI_ISL_1396865, EPI_ISL_1396866, EPI_ISL_1396867, EPI_ISL_1396868, EPI_ISL_1396869, EPI_ISL_1396870, EPI_ISL_1396872	BIOPATH	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1396891	Laboratoire LENYS	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1397203, EPI_ISL_1397204, EPI_ISL_1397205, EPI_ISL_1397206, EPI_ISL_1397222, EPI_ISL_1397223, EPI_ISL_1397224, EPI_ISL_1397226, EPI_ISL_1397227, EPI_ISL_1397228, EPI_ISL_1397229, EPI_ISL_1397230, EPI_ISL_1397231, EPI_ISL_1397243, EPI_ISL_1397245, EPI_ISL_1397246, EPI_ISL_1397344, EPI_ISL_1397345, EPI_ISL_1397346, EPI_ISL_1397347, EPI_ISL_1397348, EPI_ISL_1397349	see above	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1397594	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397622	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397676, EPI_ISL_1397679, EPI_ISL_1397685	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397700, EPI_ISL_1397701,	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider,

EPI_ISL_1397702, EPI_ISL_1397703			Erica Lasek-Nesselquist
EPI_ISL_1397810, EPI_ISL_1397812	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397936	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398008	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398180	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398828, EPI_ISL_1398829, EPI_ISL_1398830, EPI_ISL_1398831	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1398985, EPI_ISL_1398992, EPI_ISL_1398993, EPI_ISL_1399003	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1399285	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399296, EPI_ISL_1399297, EPI_ISL_1399298, EPI_ISL_1399299, EPI_ISL_1399300, EPI_ISL_1399304, EPI_ISL_1399324, EPI_ISL_1399325	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399337	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1399345	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399363, EPI_ISL_1399374	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_1399402	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399441	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_1399446, EPI_ISL_1399449, EPI_ISL_1399455, EPI_ISL_1399457, EPI_ISL_1399643, EPI_ISL_1399681, EPI_ISL_1399695, EPI_ISL_1399697, EPI_ISL_1399698, EPI_ISL_1399699, EPI_ISL_1399700, EPI_ISL_1399701, EPI_ISL_1399702, EPI_ISL_1399715, EPI_ISL_1399723, EPI_ISL_1399728	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399748, EPI_ISL_1399754, EPI_ISL_1399770, EPI_ISL_1399790	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1399806, EPI_ISL_1399812, EPI_ISL_1399813, EPI_ISL_1399814, EPI_ISL_1399815	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399827, EPI_ISL_1399837, EPI_ISL_1399863, EPI_ISL_1399864	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_1399879, EPI_ISL_1399880, EPI_ISL_1399920, EPI_ISL_1399925, EPI_ISL_1399926, EPI_ISL_1399927, EPI_ISL_1399928, EPI_ISL_1399930, EPI_ISL_1399933, EPI_ISL_1399950, EPI_ISL_1399973	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400027, EPI_ISL_1400028, EPI_ISL_1400029	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1400059, EPI_ISL_1400067, EPI_ISL_1400068	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1400095, EPI_ISL_1400127, EPI_ISL_1400131, EPI_ISL_1400149, EPI_ISL_1400150	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_1400171, EPI_ISL_1400179, EPI_ISL_1400197, EPI_ISL_1400202	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400216, EPI_ISL_1400225	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1400228	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400246	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1400268, EPI_ISL_1400275, EPI_ISL_1400278, EPI_ISL_1400279, EPI_ISL_1400288, EPI_ISL_1400290, EPI_ISL_1400297	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1401213, EPI_ISL_1401214, EPI_ISL_1401215, EPI_ISL_1401216, EPI_ISL_1401217, EPI_ISL_1401230, EPI_ISL_1401232, EPI_ISL_1401239, EPI_ISL_1401241, EPI_ISL_1401242, EPI_ISL_1401243, EPI_ISL_1401244, EPI_ISL_1401245, EPI_ISL_1401253, EPI_ISL_1401254, EPI_ISL_1401258, EPI_ISL_1401259, EPI_ISL_1401260, EPI_ISL_1401261, EPI_ISL_1401262, EPI_ISL_1401263, EPI_ISL_1401268	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1401575, EPI_ISL_1401576, EPI_ISL_1401577, EPI_ISL_1401578, EPI_ISL_1401579, EPI_ISL_1401593, EPI_ISL_1401608, EPI_ISL_1401609, EPI_ISL_1401680, EPI_ISL_1401681, EPI_ISL_1401709, EPI_ISL_1401710, EPI_ISL_1401711, EPI_ISL_1401712, EPI_ISL_1401713, EPI_ISL_1401714, EPI_ISL_1401715, EPI_ISL_1401716, EPI_ISL_1401717	Public Health Authority of the Slovak Republic	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Tatiana Sedláková, Diana Rusáková, Miroslav Böhmer, Anna Giová, Jaroslav Budiš, Tomáš Szemes
see above	Public Health Authority of the Slovak Republic	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Tatiana Sedláková, Diana Rusáková, Miroslav Böhmer, Anna Giová, Jaroslav Budiš, Tomáš Szemes
EPI_ISL_1402029, EPI_ISL_1402032, EPI_ISL_1402037, EPI_ISL_1402108, EPI_ISL_1402111, EPI_ISL_1402113, EPI_ISL_1402114, EPI_ISL_1402116, EPI_ISL_1402118	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Tom Koritnik, José Gonçalves, Martin Bosilj, Katarina Prosenc, Metka Paragi
EPI_ISL_1403357, EPI_ISL_1403358, EPI_ISL_1403361, EPI_ISL_1403372,	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vlaji, Andraž Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc

EPI_ISL_1403481, EPI_ISL_1403491, EPI_ISL_1403495			
EPI_ISL_1404517	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1405134, EPI_ISL_1405250, EPI_ISL_1405251, EPI_ISL_1405252	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R. Jerome, Alexander Greninger
EPI_ISL_1406031, EPI_ISL_1406043	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IRSI/Caixa/GTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martíro on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1406240	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martinez Z, Martin-Rodríguez G, Coto E, Melón S
EPI_ISL_1406448, EPI_ISL_1406451, EPI_ISL_1406491, EPI_ISL_1406495, EPI_ISL_1406572	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406691, EPI_ISL_1406692	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1407451	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Azevedo,K., Miller,A., Adams,G., Pearlman,L., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Huard,R., King,E., Park,D.J., and MacInnis,B.L.
EPI_ISL_1407461, EPI_ISL_1407472, EPI_ISL_1407489, EPI_ISL_1407535, EPI_ISL_1407537, EPI_ISL_1407541, EPI_ISL_1407544, EPI_ISL_1407550, EPI_ISL_1407679, EPI_ISL_1407703, EPI_ISL_1407704, EPI_ISL_1407716, EPI_ISL_1407779, EPI_ISL_1407800, EPI_ISL_1407806, EPI_ISL_1407813, EPI_ISL_1407841, EPI_ISL_1407851, EPI_ISL_1407867, EPI_ISL_1407929, EPI_ISL_1407935, EPI_ISL_1407943, EPI_ISL_1407956, EPI_ISL_1407958, EPI_ISL_1407975, EPI_ISL_1408052, EPI_ISL_1408068, EPI_ISL_1408100, EPI_ISL_1408105, EPI_ISL_1408106, EPI_ISL_1408111, EPI_ISL_1408115, EPI_ISL_1408129, EPI_ISL_1408142, EPI_ISL_1408144, EPI_ISL_1408150, EPI_ISL_1408155, EPI_ISL_1408190, EPI_ISL_1408191, EPI_ISL_1408192, EPI_ISL_1408194, EPI_ISL_1408198, EPI_ISL_1408200, EPI_ISL_1408243	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler	
see above	Viollier AG		
EPI_ISL_1416742	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1416972	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gaël Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpee, Sylvie van der Werf,Mj Dufour
EPI_ISL_1417447, EPI_ISL_1417450, EPI_ISL_1417454, EPI_ISL_1417463, EPI_ISL_1417478, EPI_ISL_1417480, EPI_ISL_1417492, EPI_ISL_1417493, EPI_ISL_1417498, EPI_ISL_1417546, EPI_ISL_1417547, EPI_ISL_1417551, EPI_ISL_1417553, EPI_ISL_1417558, EPI_ISL_1417563, EPI_ISL_1417585, EPI_ISL_1417602, EPI_ISL_1417603, EPI_ISL_1417604, EPI_ISL_1417640, EPI_ISL_1417641, EPI_ISL_1417642, EPI_ISL_1417643, EPI_ISL_1417644, EPI_ISL_1417645, EPI_ISL_1417653, EPI_ISL_1417654, EPI_ISL_1417655, EPI_ISL_1417656, EPI_ISL_1417657, EPI_ISL_1417658, EPI_ISL_1417659, EPI_ISL_1417660, EPI_ISL_1417661, EPI_ISL_1417662, EPI_ISL_1417663, EPI_ISL_1417664, EPI_ISL_1417665, EPI_ISL_1417666, EPI_ISL_1417667, EPI_ISL_1417668, EPI_ISL_1417669, EPI_ISL_1417670, EPI_ISL_1417671, EPI_ISL_1417672, EPI_ISL_1417673, EPI_ISL_1417674, EPI_ISL_1417675, EPI_ISL_1417676, EPI_ISL_1417677, EPI_ISL_1417678, EPI_ISL_1417679, EPI_ISL_1417680, EPI_ISL_1417681, EPI_ISL_1417682, EPI_ISL_1417683, EPI_ISL_1417684, EPI_ISL_1417685, 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Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell				
EPI_ISL_1422347, EPI_ISL_1422393, EPI_ISL_1422399, EPI_ISL_1422404, EPI_ISL_1422405, EPI_ISL_1422410, EPI_ISL_1422412, EPI_ISL_1422416, EPI_ISL_1422417, EPI_ISL_1422426, EPI_ISL_1422430, EPI_ISL_1422431, EPI_ISL_1422484, EPI_ISL_1422486, EPI_ISL_1422487, EPI_ISL_1422491, EPI_ISL_1422492, EPI_ISL_1422494, EPI_ISL_1422506, EPI_ISL_1422507, EPI_ISL_1422512, EPI_ISL_1422516, EPI_ISL_1422521, EPI_ISL_1422523, EPI_ISL_1422526, EPI_ISL_1422528, EPI_ISL_1422532, EPI_ISL_1422538, EPI_ISL_1422549, EPI_ISL_1422553, EPI_ISL_1422570, EPI_ISL_1422579, EPI_ISL_1422592, EPI_ISL_1422610, EPI_ISL_1422615, EPI_ISL_1422630, EPI_ISL_1422633, EPI_ISL_1422639, EPI_ISL_1422642, EPI_ISL_1422647, EPI_ISL_1422653, EPI_ISL_1422655, EPI_ISL_1422661, EPI_ISL_1422663, EPI_ISL_1422675, EPI_ISL_1422719, EPI_ISL_1422750, EPI_ISL_1422791, EPI_ISL_1422799, EPI_ISL_1422829, EPI_ISL_1422836, EPI_ISL_1422840, EPI_ISL_1422899, EPI_ISL_1422929	see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1423275		LabCorp Dublin	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423512		LESP Chihuahua	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1424395, EPI_ISL_1424396		Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Antonio Grimaldi,Patrizia Annunziata,Francesco Panariello,Biancamaria Pierri Claudia Tiberio Valentina Bouche,Chiara Colantuono,Maria Concetta Cuomo,Denise Di Concilio,Lucio Di Filippo,Anna Manfredi,Marcello Salvi,Antonio Limone Luigi Atripaldi Pellegrino Cerino,Andrea Ballabio,Davide Cacchiarelli
EPI_ISL_1424891, EPI_ISL_1424896, EPI_ISL_1424901, EPI_ISL_1424902, EPI_ISL_1424903, EPI_ISL_1424908, EPI_ISL_1424937, EPI_ISL_1424938, EPI_ISL_1424939, EPI_ISL_1424940, EPI_ISL_1424949, EPI_ISL_1424952, EPI_ISL_1424963	see above	Clalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425488, EPI_ISL_1425489, EPI_ISL_1425495, EPI_ISL_1425496, EPI_ISL_1425530		Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health	Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1425544		Bruss	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1425549		Dimedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1425551		WSSE w Olsztynie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1425563		Wojskowy Instytut Medyczny	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1430619, EPI_ISL_1430620, EPI_ISL_1430621, EPI_ISL_1430622, EPI_ISL_1430623, EPI_ISL_1430624		Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1433094		ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1433109		Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1434450		MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1435581		Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Tom Koritnik, José Gonçalves, Martin Bosilj, Katarina Prosenc, Metka Paragi
EPI_ISL_1435978, EPI_ISL_1435982, EPI_ISL_1435986, EPI_ISL_1435993, EPI_ISL_1435998		MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1437284, EPI_ISL_1437350, EPI_ISL_1437361		SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1437428		SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1439748		Institut für Medizinische Mikrobiologie - Universitätsmedizin Göttingen	Robert Koch Institute	unknown
EPI_ISL_1440615		SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1441497		Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_1441962, EPI_ISL_1441975		SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1443030, EPI_ISL_1443045, EPI_ISL_1443098, EPI_ISL_1443099, EPI_ISL_1443100, EPI_ISL_1443101, EPI_ISL_1443102, EPI_ISL_1443135		Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Borges et al
EPI_ISL_1443209		OSF St Francis Medical Center	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443259, EPI_ISL_1443263, EPI_ISL_1443264		Unity Point Methodist Hospital	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1444128, EPI_ISL_1444129, EPI_ISL_1444150		Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investigação e Inovação em Saúde	Borges et al
EPI_ISL_1444842		Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1444915		Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1446271		Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1446974		NYC Department of Health and Mental Hygiene	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446982		TX-Houston Health Department Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison

EPI_ISL_1446995	MA State Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447005	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447015	LA Office of Public Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447198, EPI_ISL_1447199	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447213	Zakad Diagnostyki Laboratoryjnej Specjalistyczny Szpital im. dr Alfreda Sokoowskiego	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447214	Laboratorium Mikrobiologiczne Dolnolskie Centrum Transplantacji Komórkowych z Krajowym Bankiem Dawców Szpiku	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447215, EPI_ISL_1447216, EPI_ISL_1447217, EPI_ISL_1447218, EPI_ISL_1447219, EPI_ISL_1447220, EPI_ISL_1447221, EPI_ISL_1447222, EPI_ISL_1447223, EPI_ISL_1447224, EPI_ISL_1447225, EPI_ISL_1447226, EPI_ISL_1447227, EPI_ISL_1447236	see above	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447253	Odzia Mikrobiologii WSSE Wroclaw	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447254, EPI_ISL_1447255, EPI_ISL_1447256	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447261	Laboratorium Diagnostyczno-Analityczne Pozna	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447963	20210301640	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447964	20210301624	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447965	20210300911	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447974	20210301612	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447979	20210300858	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447980	20210301675	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447985	20210300868	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447986	20210301662	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448511	IL Dept. of Public Health Springfield Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Anna Kelleher, Ying Tao, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1449650	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, Jeffrey Barrett, 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_1449655, EPI_ISL_1449656, EPI_ISL_1449658	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, Jeffrey Barrett, 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_1449662	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, Jeffrey Barrett, 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_1449663, EPI_ISL_1449664, EPI_ISL_1449666	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, Jeffrey Barrett, 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_1449674	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, Jeffrey Barrett, 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_1449677, EPI_ISL_1449678, EPI_ISL_1449680	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, Jeffrey Barrett, 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_1449682	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, Jeffrey Barrett, 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

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COVID-19 Surveillance Team				
EPI_ISL_1449925, EPI_ISL_1449926	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, Jeffrey Barrett, 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_1449930	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, Jeffrey Barrett, 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_1449932	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, Jeffrey Barrett, 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_1449934	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, Jeffrey Barrett, 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_1449936	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, Jeffrey Barrett, 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_1449937, EPI_ISL_1449942	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, Jeffrey Barrett, 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_1449945, EPI_ISL_1449949, EPI_ISL_1449961	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, Jeffrey Barrett, 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_1449962	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, Jeffrey Barrett, 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_1449963	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, Jeffrey Barrett, 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_1449968, EPI_ISL_1449970	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, Jeffrey Barrett, 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_1451153, EPI_ISL_1451164, EPI_ISL_1451165, EPI_ISL_1451173, EPI_ISL_1451180, EPI_ISL_1451181, EPI_ISL_1451192, EPI_ISL_1451193, EPI_ISL_1451194, EPI_ISL_1451195, EPI_ISL_1451203, EPI_ISL_1451206, EPI_ISL_1451210, EPI_ISL_1451227, EPI_ISL_1451228, EPI_ISL_1451231, EPI_ISL_1451237, EPI_ISL_1451240, EPI_ISL_1451243, EPI_ISL_1451255, EPI_ISL_1451263, EPI_ISL_1451264, EPI_ISL_1451266, EPI_ISL_1451267, EPI_ISL_1451268, EPI_ISL_1451274, EPI_ISL_1451284, EPI_ISL_1451290, EPI_ISL_1451291, EPI_ISL_1451300, EPI_ISL_1451310, EPI_ISL_1451317, EPI_ISL_1451322, EPI_ISL_1451326, EPI_ISL_1451327, EPI_ISL_1451334, EPI_ISL_1451342, EPI_ISL_1451347, EPI_ISL_1451351, EPI_ISL_1451354, EPI_ISL_1451357, EPI_ISL_1451360, EPI_ISL_1451362, EPI_ISL_1451367, EPI_ISL_1451380, EPI_ISL_1451382, EPI_ISL_1451387, EPI_ISL_1451390, EPI_ISL_1451394, EPI_ISL_1451402, EPI_ISL_1451408, EPI_ISL_1451412, EPI_ISL_1451416, EPI_ISL_1451428, EPI_ISL_1451433, EPI_ISL_1451459, EPI_ISL_1451460, EPI_ISL_1451463, EPI_ISL_1451466	see above	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, Jeffrey Barrett, 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_1456667, EPI_ISL_1457078, EPI_ISL_1457087, EPI_ISL_1457097, EPI_ISL_1457107	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Rynanne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team	
EPI_ISL_1464500, EPI_ISL_1464502, EPI_ISL_1464503, EPI_ISL_1464506, EPI_ISL_1464508, EPI_ISL_1464543, EPI_ISL_1464544, EPI_ISL_1464545, EPI_ISL_1464546, EPI_ISL_1464547, EPI_ISL_1464548, EPI_ISL_1464549, EPI_ISL_1464550, EPI_ISL_1464551, EPI_ISL_1464554, EPI_ISL_1464555, EPI_ISL_1464556, EPI_ISL_1464557, EPI_ISL_1464558, EPI_ISL_1464559, EPI_ISL_1464560, EPI_ISL_1464561, EPI_ISL_1464562, EPI_ISL_1464563, EPI_ISL_1464565, EPI_ISL_1464566, EPI_ISL_1464567, EPI_ISL_1464569, EPI_ISL_1464571, EPI_ISL_1464572, EPI_ISL_1464573, EPI_ISL_1464574, EPI_ISL_1464578, EPI_ISL_1464579, EPI_ISL_1464580, EPI_ISL_1464581	see above	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff