

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_1054621, EPI_ISL_1054622, EPI_ISL_1054623, EPI_ISL_1054632, EPI_ISL_1054636, EPI_ISL_1054638, EPI_ISL_1054644, EPI_ISL_1054650, EPI_ISL_1054660, EPI_ISL_1054667, EPI_ISL_1054669, EPI_ISL_1054670, EPI_ISL_1054673, EPI_ISL_1054675, EPI_ISL_1054676, EPI_ISL_1054685, EPI_ISL_1054688, EPI_ISL_1054693, EPI_ISL_1054695, EPI_ISL_1054697, EPI_ISL_1054699, EPI_ISL_1054703, EPI_ISL_1054706			
see above	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 Anygal, 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_1054799, EPI_ISL_1054820	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart,Jerome Nicod,Chelsea Sawyer,Laura Cubitt,Harshil Patel,Margaret Crawford
EPI_ISL_1057121, EPI_ISL_1057122, EPI_ISL_1057125, EPI_ISL_1057127, EPI_ISL_1057128, EPI_ISL_1057136, EPI_ISL_1057140, EPI_ISL_1057141, EPI_ISL_1057142, EPI_ISL_1057150, EPI_ISL_1057152, EPI_ISL_1057154, EPI_ISL_1057158, EPI_ISL_1057160, EPI_ISL_1057163, EPI_ISL_1057171, EPI_ISL_1057172, EPI_ISL_1057173, EPI_ISL_1057174, EPI_ISL_1057187, EPI_ISL_1057189, EPI_ISL_1057191, EPI_ISL_1057194, EPI_ISL_1057196, EPI_ISL_1057200, EPI_ISL_1057202, EPI_ISL_1057210, EPI_ISL_1057211, EPI_ISL_1057213, EPI_ISL_1057215, EPI_ISL_1057217, EPI_ISL_1057223, EPI_ISL_1057225, EPI_ISL_1057238, EPI_ISL_1057244, EPI_ISL_1057248, EPI_ISL_1057249, EPI_ISL_1057253, EPI_ISL_1057257, EPI_ISL_1057263, EPI_ISL_1057266, EPI_ISL_1057271, EPI_ISL_1057275, EPI_ISL_1057276, EPI_ISL_1057277, EPI_ISL_1057286, EPI_ISL_1057298, EPI_ISL_1057299, EPI_ISL_1057301, EPI_ISL_1057303, EPI_ISL_1057309, EPI_ISL_1057319, EPI_ISL_1057321, EPI_ISL_1057325, EPI_ISL_1057332, EPI_ISL_1057341, EPI_ISL_1057345, EPI_ISL_1057354, EPI_ISL_1057359, EPI_ISL_1057363, EPI_ISL_1057366, EPI_ISL_1057383, EPI_ISL_1057386, EPI_ISL_1057390, EPI_ISL_1057394, EPI_ISL_1057396, EPI_ISL_1057398, EPI_ISL_1057399, EPI_ISL_1057400, EPI_ISL_1057414, EPI_ISL_1057419, EPI_ISL_1057421, EPI_ISL_1057427, EPI_ISL_1057663			
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_1058116, EPI_ISL_1058119, EPI_ISL_1058121, EPI_ISL_1058124, EPI_ISL_1058127, EPI_ISL_1058130	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1058666, EPI_ISL_1058667, EPI_ISL_1058668, EPI_ISL_1058670, EPI_ISL_1058671, EPI_ISL_1058672, EPI_ISL_1058673, EPI_ISL_1058674, EPI_ISL_1058675, EPI_ISL_1058676, EPI_ISL_1058677, EPI_ISL_1058678, EPI_ISL_1058679, EPI_ISL_1058680, EPI_ISL_1058681, EPI_ISL_1058682, EPI_ISL_1058683, EPI_ISL_1058684			
see above	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Sébastien Bontems, Fabrice Bureau, Laurent Gillet, Wouter Coppieters, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1060522, EPI_ISL_1060523, EPI_ISL_1060528	AZDelta	AZDelta	Geert Martens; Dieter De Smet
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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_1061700, EPI_ISL_1061701, EPI_ISL_1061702, EPI_ISL_1061704, EPI_ISL_1061705, EPI_ISL_1061706, EPI_ISL_1061709, EPI_ISL_1061712, EPI_ISL_1061713, EPI_ISL_1061714, EPI_ISL_1061717, EPI_ISL_1061718, EPI_ISL_1061720, EPI_ISL_1061721, EPI_ISL_1061722, EPI_ISL_1061724, EPI_ISL_1061725, EPI_ISL_1061726, EPI_ISL_1061727, EPI_ISL_1061729, EPI_ISL_1061732, EPI_ISL_1061734, EPI_ISL_1061735, EPI_ISL_1061736, EPI_ISL_1061737, EPI_ISL_1061738, EPI_ISL_1061739, EPI_ISL_1061741, EPI_ISL_1061742, EPI_ISL_1061743, EPI_ISL_1061744, EPI_ISL_1061745, EPI_ISL_1061746, EPI_ISL_1061748, EPI_ISL_1061749, EPI_ISL_1061750, EPI_ISL_1061751, EPI_ISL_1061752, EPI_ISL_1061754, EPI_ISL_1061755, EPI_ISL_1061759, EPI_ISL_1061761, EPI_ISL_1061766, EPI_ISL_1061768, EPI_ISL_1061769, EPI_ISL_1061771, EPI_ISL_1061772, EPI_ISL_1061773, EPI_ISL_1061774, EPI_ISL_1061777, EPI_ISL_1061778, EPI_ISL_1061779, EPI_ISL_1061783, EPI_ISL_1061784, EPI_ISL_1061785, EPI_ISL_1061786, EPI_ISL_1061789, EPI_ISL_1061791, EPI_ISL_1061792, EPI_ISL_1061794, EPI_ISL_1061795, EPI_ISL_1061797, EPI_ISL_1061798, EPI_ISL_1061800, EPI_ISL_1061802, EPI_ISL_1061804, EPI_ISL_1061805, EPI_ISL_1061806, EPI_ISL_1061808, EPI_ISL_1061809, EPI_ISL_1061810, EPI_ISL_1061811, EPI_ISL_1061813, EPI_ISL_1061815, EPI_ISL_1061817, EPI_ISL_1061818, EPI_ISL_1061819, EPI_ISL_1061821, EPI_ISL_1061824, EPI_ISL_1061825, EPI_ISL_1061826, EPI_ISL_1061828, EPI_ISL_1061829, EPI_ISL_1061830, EPI_ISL_1061834, EPI_ISL_1061835, EPI_ISL_1061836, EPI_ISL_1061837, EPI_ISL_1061839, EPI_ISL_1061841, EPI_ISL_1061842, EPI_ISL_1061843, EPI_ISL_1061844, EPI_ISL_1061845, EPI_ISL_1061846, EPI_ISL_1061850, EPI_ISL_1061851, EPI_ISL_1061852, EPI_ISL_1061855, EPI_ISL_1061857, EPI_ISL_1061858, EPI_ISL_1061860, EPI_ISL_1061861, EPI_ISL_1061863, EPI_ISL_1061864, EPI_ISL_1061866, EPI_ISL_1061867, EPI_ISL_1061868, EPI_ISL_1061869, EPI_ISL_1061870, EPI_ISL_1061873, EPI_ISL_1061877, EPI_ISL_1061878, EPI_ISL_1061879, EPI_ISL_1061881, EPI_ISL_1061886, EPI_ISL_1061887, EPI_ISL_1061888, EPI_ISL_1061890, EPI_ISL_1061893, EPI_ISL_1061894, EPI_ISL_1061895, EPI_ISL_1061896, EPI_ISL_1061898, EPI_ISL_1061899, EPI_ISL_1061900, EPI_ISL_1061901, EPI_ISL_1061902, EPI_ISL_1061903, EPI_ISL_1061904, EPI_ISL_1061906, EPI_ISL_1061907, EPI_ISL_1061908, EPI_ISL_1061910, EPI_ISL_1061912, EPI_ISL_1061913, EPI_ISL_1061914, EPI_ISL_1061915, EPI_ISL_1061916, EPI_ISL_1061917, EPI_ISL_1061918, EPI_ISL_1061921, EPI_ISL_1061922, EPI_ISL_1061923, EPI_ISL_1061924, EPI_ISL_1061925, EPI_ISL_1061926, EPI_ISL_1061929, EPI_ISL_1061931, EPI_ISL_1061934, EPI_ISL_1061935, EPI_ISL_1061936, EPI_ISL_1061939, EPI_ISL_1061941, EPI_ISL_1061942, EPI_ISL_1061944, EPI_ISL_1061946, EPI_ISL_1061948, EPI_ISL_1061950, EPI_ISL_1061951, EPI_ISL_1061952, EPI_ISL_1061953, EPI_ISL_1061955, EPI_ISL_1061957, EPI_ISL_1061958, EPI_ISL_1061961, EPI_ISL_1061962, EPI_ISL_1061963, EPI_ISL_1061965, EPI_ISL_1061966, EPI_ISL_1061968, EPI_ISL_1061969, EPI_ISL_1061970, EPI_ISL_1061971, EPI_ISL_1061972, EPI_ISL_1061973, EPI_ISL_1061974, EPI_ISL_1061976, EPI_ISL_1061977, EPI_ISL_1061978, EPI_ISL_1061980, EPI_ISL_1061981, EPI_ISL_1061982, EPI_ISL_1061983, EPI_ISL_1061985, EPI_ISL_1061987, EPI_ISL_1061989, EPI_ISL_1061990, EPI_ISL_1061991, EPI_ISL_1061996, EPI_ISL_1061997, EPI_ISL_1061998, EPI_ISL_1062001, EPI_ISL_1062002, EPI_ISL_1062005, EPI_ISL_1062006, EPI_ISL_1062007, EPI_ISL_1062008, EPI_ISL_1062009, EPI_ISL_1062010, EPI_ISL_1062012, EPI_ISL_1062013, EPI_ISL_1062014, EPI_ISL_1062015, EPI_ISL_1062016, EPI_ISL_1062018, EPI_ISL_1062020, EPI_ISL_1062021, EPI_ISL_1062022, EPI_ISL_1062024, EPI_ISL_1062025, EPI_ISL_1062026, EPI_ISL_1062027, EPI_ISL_1062028, EPI_ISL_1062030, EPI_ISL_1062031, EPI_ISL_1062032, EPI_ISL_1062033, EPI_ISL_1062034, EPI_ISL_1062035, EPI_ISL_1062036, EPI_ISL_1062037, EPI_ISL_1062038, EPI_ISL_1062041, EPI_ISL_1062042, EPI_ISL_1062044, EPI_ISL_1062045, EPI_ISL_1062046, EPI_ISL_1062047, EPI_ISL_1062049, EPI_ISL_1062051			
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_1062060, EPI_ISL_1062062	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_1062064	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_1062065, EPI_ISL_1062066, EPI_ISL_1062068, EPI_ISL_1062069, EPI_ISL_1062070	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_1062071	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_1062072, EPI_ISL_1062074, EPI_ISL_1062075, EPI_ISL_1062076,	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_1069400, EPI_ISL_1069406, EPI_ISL_1069408, EPI_ISL_1069411, EPI_ISL_1069412, EPI_ISL_1069413, EPI_ISL_1069414, EPI_ISL_1069416, EPI_ISL_1069417, EPI_ISL_1069418, EPI_ISL_1069419, EPI_ISL_1069421, EPI_ISL_1069423, EPI_ISL_1069426, EPI_ISL_1069427, EPI_ISL_1069428, EPI_ISL_1069429, EPI_ISL_1069430, EPI_ISL_1069431, EPI_ISL_1069432, EPI_ISL_1069433, EPI_ISL_1069434, EPI_ISL_1069435, EPI_ISL_1069436, EPI_ISL_1069439, EPI_ISL_1069440, EPI_ISL_1069443, EPI_ISL_1069444, EPI_ISL_1069445, EPI_ISL_1069446, EPI_ISL_1069447, EPI_ISL_1069448, EPI_ISL_1069451, EPI_ISL_1069452, EPI_ISL_1069454, EPI_ISL_1069455, EPI_ISL_1069458, EPI_ISL_1069463, EPI_ISL_1069465, EPI_ISL_1069466, EPI_ISL_1069467, EPI_ISL_1069472, EPI_ISL_1069473, EPI_ISL_1069474, EPI_ISL_1069475, EPI_ISL_1069476, EPI_ISL_1069477, EPI_ISL_1069478, EPI_ISL_1069479, EPI_ISL_1069481, EPI_ISL_1069482, EPI_ISL_1069485, EPI_ISL_1069486, EPI_ISL_1069488, EPI_ISL_1069489, EPI_ISL_1069490, EPI_ISL_1069492, EPI_ISL_1069493, EPI_ISL_1069494, EPI_ISL_1069497, EPI_ISL_1069499, EPI_ISL_1069500, EPI_ISL_1069503, EPI_ISL_1069504, EPI_ISL_1069508, EPI_ISL_1069509, EPI_ISL_1069510, EPI_ISL_1069511, EPI_ISL_1069512, EPI_ISL_1069519, EPI_ISL_1069520, EPI_ISL_1069522, EPI_ISL_1069524, EPI_ISL_1069525, EPI_ISL_1069527, EPI_ISL_1069528, EPI_ISL_1069530, EPI_ISL_1069532, EPI_ISL_1069533, EPI_ISL_1069535, EPI_ISL_1069539, EPI_ISL_1069540	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_1069541	EPI_ISL_1069541	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_1069542, EPI_ISL_1069543, EPI_ISL_1069544, EPI_ISL_1069546, EPI_ISL_1069547, EPI_ISL_1069549, EPI_ISL_1069550, EPI_ISL_1069551, EPI_ISL_1069552, EPI_ISL_1069553, EPI_ISL_1069554, EPI_ISL_1069556, EPI_ISL_1069559, EPI_ISL_1069560	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_1069561	EPI_ISL_1069561	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_1069563, EPI_ISL_1069565, EPI_ISL_1069566, EPI_ISL_1069567, EPI_ISL_1069568, EPI_ISL_1069569, EPI_ISL_1069572, EPI_ISL_1069574, EPI_ISL_1069578, EPI_ISL_1069580	EPI_ISL_1069581	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_1069581	EPI_ISL_1069581	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_1069582, EPI_ISL_1069584, EPI_ISL_1069585, EPI_ISL_1069586, EPI_ISL_1069588, EPI_ISL_1069591, EPI_ISL_1069592, EPI_ISL_1069593, EPI_ISL_1069594, EPI_ISL_1069595, EPI_ISL_1069597, EPI_ISL_1069598, EPI_ISL_1069599, EPI_ISL_1069601, EPI_ISL_1069602, EPI_ISL_1069605, EPI_ISL_1069610, EPI_ISL_1069611, EPI_ISL_1069612, EPI_ISL_1069613, EPI_ISL_1069614, EPI_ISL_1069616, EPI_ISL_1069617, EPI_ISL_1069622, EPI_ISL_1069623, EPI_ISL_1069624, EPI_ISL_1069625, EPI_ISL_1069626, EPI_ISL_1069627, EPI_ISL_1069630, EPI_ISL_1069631, EPI_ISL_1069632, EPI_ISL_1069633, EPI_ISL_1069634, EPI_ISL_1069635, EPI_ISL_1069639, EPI_ISL_1069641, EPI_ISL_1069645, EPI_ISL_1069647, EPI_ISL_1069648, EPI_ISL_1069651, EPI_ISL_1069652, EPI_ISL_1069653, EPI_ISL_1069654, EPI_ISL_1069655, EPI_ISL_1069657, EPI_ISL_1069660, EPI_ISL_1069665, EPI_ISL_1069666, EPI_ISL_1069667, EPI_ISL_1069668, EPI_ISL_1069670, EPI_ISL_1069671, EPI_ISL_1069672, EPI_ISL_1069675, EPI_ISL_1069677, EPI_ISL_1069678, EPI_ISL_1069679, EPI_ISL_1069706, EPI_ISL_1069707, EPI_ISL_1069708, EPI_ISL_1069709, EPI_ISL_1069713, EPI_ISL_1069714, EPI_ISL_1069716, EPI_ISL_1069718, EPI_ISL_1069719, EPI_ISL_1069721, EPI_ISL_1069722, EPI_ISL_1069723, EPI_ISL_1069724, EPI_ISL_1069726, EPI_ISL_1069728, EPI_ISL_1069729, EPI_ISL_1069732, EPI_ISL_1069735, EPI_ISL_1069737, EPI_ISL_1069741, EPI_ISL_1069743, EPI_ISL_1069746, EPI_ISL_1069753, EPI_ISL_1069755, EPI_ISL_1069756, EPI_ISL_1069757, EPI_ISL_1069759, EPI_ISL_1069762, EPI_ISL_1069765, EPI_ISL_1069770, EPI_ISL_1069771, EPI_ISL_1069776, EPI_ISL_1069777, EPI_ISL_1069778, EPI_ISL_1069783, EPI_ISL_1069784, EPI_ISL_1069788, EPI_ISL_1069789, EPI_ISL_1069793, EPI_ISL_1069794, EPI_ISL_1069798, EPI_ISL_1069800, EPI_ISL_1069802, EPI_ISL_1069803, EPI_ISL_1069804, EPI_ISL_1069806, EPI_ISL_1069807, EPI_ISL_1069811, EPI_ISL_1069817, EPI_ISL_1069819, EPI_ISL_1069823, EPI_ISL_1069825, EPI_ISL_1069828, EPI_ISL_1069829, EPI_ISL_1069830, EPI_ISL_1069848, EPI_ISL_1069858, EPI_ISL_1069859, EPI_ISL_1069862, EPI_ISL_1069863, EPI_ISL_1069867, EPI_ISL_1069870, EPI_ISL_1069871, EPI_ISL_1069874, EPI_ISL_1069875, EPI_ISL_1069878, EPI_ISL_1069892, EPI_ISL_1069893, EPI_ISL_1069894, EPI_ISL_1069895, EPI_ISL_1069897, EPI_ISL_1069898, EPI_ISL_1069900, EPI_ISL_1069901, EPI_ISL_1069904, EPI_ISL_1069905, EPI_ISL_1069907, EPI_ISL_1069912, EPI_ISL_1069919, EPI_ISL_1069920, EPI_ISL_1069924, EPI_ISL_1069925, EPI_ISL_1069929, EPI_ISL_1069930, EPI_ISL_1069933, EPI_ISL_1069938, EPI_ISL_1069939, EPI_ISL_1069940, EPI_ISL_1069946, EPI_ISL_1069949, EPI_ISL_1069954, EPI_ISL_1069955, EPI_ISL_1069958, EPI_ISL_1069960, EPI_ISL_1069962, EPI_ISL_1069965, EPI_ISL_1069967, EPI_ISL_1069972, EPI_ISL_1069973, EPI_ISL_1069973, EPI_ISL_1069980, EPI_ISL_1069981, EPI_ISL_1069986, EPI_ISL_1069987, EPI_ISL_1069990	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_1069996, EPI_ISL_1069999, EPI_ISL_1070000, EPI_ISL_1070007, EPI_ISL_1070009, EPI_ISL_1070013, EPI_ISL_1070014, EPI_ISL_1070015, EPI_ISL_1070021, EPI_ISL_1070024, EPI_ISL_1070026, EPI_ISL_1070028, EPI_ISL_1070030, EPI_ISL_1070032, EPI_ISL_1070033, EPI_ISL_1070040, EPI_ISL_1070041, EPI_ISL_1070043, EPI_ISL_1070044, EPI_ISL_1070046, EPI_ISL_1070049, EPI_ISL_1070056, EPI_ISL_1070057, EPI_ISL_1070059, EPI_ISL_1070062, EPI_ISL_1070063, EPI_ISL_1070065, EPI_ISL_1070066, EPI_ISL_1070067, EPI_ISL_1070076, EPI_ISL_1070079, EPI_ISL_1070080, EPI_ISL_1070086, EPI_ISL_1070089, EPI_ISL_1070091, EPI_ISL_1070092, EPI_ISL_1070096, EPI_ISL_1070101, EPI_ISL_1070102, EPI_ISL_1070104, EPI_ISL_1070105, EPI_ISL_1070110, EPI_ISL_1070112, EPI_ISL_1070114, EPI_ISL_1070117, EPI_ISL_1070119, EPI_ISL_1070120, EPI_ISL_1070123, EPI_ISL_1070126, EPI_ISL_1070127, EPI_ISL_1070128	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_1070192, EPI_ISL_1070204	EPI_ISL_1070192, EPI_ISL_1070204	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_1070211	EPI_ISL_1070211	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_1070297, EPI_ISL_1070330	EPI_ISL_1070297, EPI_ISL_1070330	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_1071372, EPI_ISL_1071373, EPI_ISL_1071388, EPI_ISL_1071393, EPI_ISL_1071396, EPI_ISL_1071399	EPI_ISL_1071372, EPI_ISL_1071373, EPI_ISL_1071388, EPI_ISL_1071393, EPI_ISL_1071396, EPI_ISL_1071399	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_1071428	EPI_ISL_1071428	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_1071438, EPI_ISL_1071441, EPI_ISL_1071445, EPI_ISL_1071450, EPI_ISL_1071463, EPI_ISL_1071466, EPI_ISL_1071499, EPI_ISL_1071506, EPI_ISL_1071536, EPI_ISL_1071555, EPI_ISL_1071571	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_1071638, EPI_ISL_1071639, EPI_ISL_1071641	EPI_ISL_1071638, EPI_ISL_1071639, EPI_ISL_1071641	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_1071643	EPI_ISL_1071643	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_1071644, EPI_ISL_1071645	EPI_ISL_1071644, EPI_ISL_1071645	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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EPI_ISL_1071995	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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Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1072345, EPI_ISL_1072354, EPI_ISL_1072368, EPI_ISL_1072369, EPI_ISL_1072380, EPI_ISL_1072399, EPI_ISL_1072408, EPI_ISL_1072412, EPI_ISL_1072413, EPI_ISL_1072422, EPI_ISL_1072432, EPI_ISL_1072434, EPI_ISL_1072456, EPI_ISL_1072459, EPI_ISL_1072466, EPI_ISL_1072471, EPI_ISL_1072478, EPI_ISL_1072482, EPI_ISL_1072497, EPI_ISL_1072511, EPI_ISL_1072512, EPI_ISL_1072515, EPI_ISL_1072530, EPI_ISL_1072553, EPI_ISL_1072571, EPI_ISL_1072572, EPI_ISL_1072573, EPI_ISL_1072584, EPI_ISL_1072591, EPI_ISL_1072594, EPI_ISL_1072597, EPI_ISL_1072601	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_1072603, EPI_ISL_1072605, EPI_ISL_1072607, EPI_ISL_1072608, EPI_ISL_1072610, EPI_ISL_1072611, EPI_ISL_1072612, EPI_ISL_1072614, EPI_ISL_1072615, EPI_ISL_1072619, EPI_ISL_1072621, EPI_ISL_1072622, EPI_ISL_1072623, EPI_ISL_1072624, EPI_ISL_1072625, EPI_ISL_1072628, EPI_ISL_1072629, EPI_ISL_1072630, EPI_ISL_1072631, EPI_ISL_1072632, EPI_ISL_1072633, EPI_ISL_1072634, EPI_ISL_1072636, EPI_ISL_1072637, EPI_ISL_1072639, EPI_ISL_1072640, EPI_ISL_1072642, EPI_ISL_1072643, EPI_ISL_1072644, EPI_ISL_1072645, EPI_ISL_1072646, EPI_ISL_1072647, EPI_ISL_1072648, EPI_ISL_1072650, EPI_ISL_1072651, EPI_ISL_1072652, EPI_ISL_1072653, EPI_ISL_1072654, EPI_ISL_1072655, EPI_ISL_1072657, EPI_ISL_1072658, EPI_ISL_1072660, EPI_ISL_1072661, EPI_ISL_1072662, EPI_ISL_1072663, EPI_ISL_1072664, EPI_ISL_1072665, EPI_ISL_1072666, EPI_ISL_1072667, EPI_ISL_1072668, EPI_ISL_1072669, EPI_ISL_1072670, EPI_ISL_1072671, EPI_ISL_1072673, EPI_ISL_1072674, EPI_ISL_1072675, EPI_ISL_1072676, EPI_ISL_1072677, EPI_ISL_1072679, EPI_ISL_1072680, EPI_ISL_1072681, EPI_ISL_1072682, EPI_ISL_1072683, EPI_ISL_1072684, EPI_ISL_1072686, EPI_ISL_1072687, EPI_ISL_1072688, EPI_ISL_1072689, EPI_ISL_1072695, EPI_ISL_1072697, EPI_ISL_1072698, EPI_ISL_1072699, EPI_ISL_1072700, EPI_ISL_1072702, EPI_ISL_1072703, EPI_ISL_1072704, EPI_ISL_1072706, EPI_ISL_1072711, EPI_ISL_1072712, EPI_ISL_1072714, EPI_ISL_1072716, EPI_ISL_1072718, EPI_ISL_1072719, EPI_ISL_1072720, EPI_ISL_1072724, EPI_ISL_1072725, EPI_ISL_1072726, EPI_ISL_1072729, EPI_ISL_1072730, EPI_ISL_1072731, EPI_ISL_1072732, EPI_ISL_1072734, EPI_ISL_1072735, EPI_ISL_1072736, EPI_ISL_1072737, EPI_ISL_1072738, EPI_ISL_1072741, EPI_ISL_1072743, EPI_ISL_1072746, EPI_ISL_1072747, EPI_ISL_1072748, EPI_ISL_1072749, EPI_ISL_1072752, EPI_ISL_1072753, EPI_ISL_1072755, EPI_ISL_1072756, EPI_ISL_1072757, EPI_ISL_1072758, EPI_ISL_1072759, EPI_ISL_1072760, EPI_ISL_1072761, EPI_ISL_1072763, EPI_ISL_1072764, EPI_ISL_1072765, EPI_ISL_1072766, EPI_ISL_1072767, EPI_ISL_1072768, EPI_ISL_1072770, EPI_ISL_1072771, EPI_ISL_1072772, EPI_ISL_1072773, EPI_ISL_1072774, EPI_ISL_1072775, EPI_ISL_1072776, EPI_ISL_1072777, EPI_ISL_1072779, EPI_ISL_1072780, EPI_ISL_1072781, EPI_ISL_1072783, EPI_ISL_1072785, EPI_ISL_1072786, EPI_ISL_1072787, EPI_ISL_1072788, EPI_ISL_1072789, EPI_ISL_1072790, EPI_ISL_1072791, EPI_ISL_1072793, EPI_ISL_1072794, EPI_ISL_1072796, EPI_ISL_1072797, EPI_ISL_1072798, EPI_ISL_1072799, EPI_ISL_1072801, EPI_ISL_1072803, EPI_ISL_1072805, EPI_ISL_1072806, EPI_ISL_1072807, EPI_ISL_1072808, EPI_ISL_1072809, EPI_ISL_1072810, EPI_ISL_1072811, EPI_ISL_1072813, EPI_ISL_1072815, EPI_ISL_1072816, EPI_ISL_1072819, EPI_ISL_1072821, EPI_ISL_1072822, EPI_ISL_1072823, EPI_ISL_1072825, EPI_ISL_1072826, EPI_ISL_1072827, EPI_ISL_1072829, EPI_ISL_1072830, EPI_ISL_1072831, EPI_ISL_1072832, EPI_ISL_1072833, EPI_ISL_1072835, EPI_ISL_1072837, EPI_ISL_1072838, EPI_ISL_1072840, EPI_ISL_1072844, EPI_ISL_1072845, EPI_ISL_1072846, EPI_ISL_1072847, EPI_ISL_1072848, EPI_ISL_1072849, EPI_ISL_1072851, EPI_ISL_1072853, EPI_ISL_1072854, EPI_ISL_1072855, EPI_ISL_1072856, EPI_ISL_1072857, EPI_ISL_1072858, EPI_ISL_1072859, EPI_ISL_1072860, EPI_ISL_1072861, EPI_ISL_1072862, EPI_ISL_1072863, EPI_ISL_1072864, EPI_ISL_1072865, EPI_ISL_1072866, EPI_ISL_1072867, EPI_ISL_1072868, EPI_ISL_1072869, EPI_ISL_1072870, EPI_ISL_1072871, EPI_ISL_1072872, EPI_ISL_1072873, EPI_ISL_1072874, EPI_ISL_1072875, EPI_ISL_1072876, EPI_ISL_1072877, EPI_ISL_1072878, EPI_ISL_1072879, EPI_ISL_1072880, EPI_ISL_1072881, EPI_ISL_1072882, EPI_ISL_1072883, EPI_ISL_1072884, EPI_ISL_1072885, EPI_ISL_1072886, EPI_ISL_1072887, EPI_ISL_1072889, EPI_ISL_1072890, EPI_ISL_1072891, EPI_ISL_1072892, EPI_ISL_1072893, EPI_ISL_1072894, EPI_ISL_1072895, EPI_ISL_1072896, EPI_ISL_1072897, EPI_ISL_1072898, EPI_ISL_1072899, EPI_ISL_1072900, EPI_ISL_1072901, EPI_ISL_1072903, EPI_ISL_1072904, EPI_ISL_1072905, EPI_ISL_1072906, EPI_ISL_1072908, EPI_ISL_1072910, EPI_ISL_1072911, EPI_ISL_1072913, EPI_ISL_1072914, EPI_ISL_1072915, EPI_ISL_1072916, EPI_ISL_1072917, EPI_ISL_1072918, EPI_ISL_1072919, EPI_ISL_1072920, EPI_ISL_1072921, EPI_ISL_1072922, EPI_ISL_1072923, EPI_ISL_1072924, EPI_ISL_1072925, EPI_ISL_1072926, EPI_ISL_1072927, EPI_ISL_1072928, EPI_ISL_1072929, EPI_ISL_1072930, EPI_ISL_1072931, EPI_ISL_1072932, EPI_ISL_1072936, EPI_ISL_1072937, EPI_ISL_1072938, EPI_ISL_1072939, EPI_ISL_1072940, EPI_ISL_1072941, EPI_ISL_1072942, EPI_ISL_1072943, EPI_ISL_1072944, EPI_ISL_1072945, EPI_ISL_1072946, EPI_ISL_1072947, EPI_ISL_1072948, EPI_ISL_1072949, EPI_ISL_1072950, EPI_ISL_1072951, EPI_ISL_1072952, EPI_ISL_1072953, EPI_ISL_1072954, EPI_ISL_1072955, EPI_ISL_1072956, EPI_ISL_1072957, EPI_ISL_1072958	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_1073035, EPI_ISL_1073038, EPI_ISL_1073040	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheusens, Herman Goossens	
EPI_ISL_1076383, EPI_ISL_1076401	SYNLAB - Laboratoire J. Collard	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_1079695	Centre Hospitalier de Wallonie Picarde (CHWaPi)	Institut de Pathologie et Génétique (IPG)	Pascale Hilbert, Jérémie Gras	
EPI_ISL_1079996	Ospedale Sandro Pertini ASL Roma2	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, MC Cava, G Cappiello, MR Capobianchi, A Di Caro	
EPI_ISL_1079999	Ospedale San Filippo Neri	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, O Butera, M Rueca, ML Schiavone, A Tamburro, A Di Caro, MR Capobianchi	
EPI_ISL_1080001	Ospedale Sandro Pertini ASL Roma2	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, O Butera, M Rueca, CEM Gruber, R Longo, V Michela, MR Capobianchi, A Di Caro	
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EPI_ISL_1081242, EPI_ISL_1081246	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration	
EPI_ISL_1081322	Bozeman Health Deaconess Hospital	Wiedenheft lab, Montana State University	Artem Nemudryi, Anna Nemudraia, Tanner Wiegand, Joseph Nichols, Deann T. Snyder, Jodi F. Hedges, Calvin Cicha, Helen	

EPI_ISL_1082462, EPI_ISL_1082463, EPI_ISL_1082470, EPI_ISL_1082471, EPI_ISL_1082478, EPI_ISL_1082479, EPI_ISL_1082482, EPI_ISL_1082483, EPI_ISL_1082484, EPI_ISL_1082486, EPI_ISL_1082487, EPI_ISL_1082488, EPI_ISL_1082492, EPI_ISL_1082496, EPI_ISL_1082498, EPI_ISL_1082503, EPI_ISL_1082505, EPI_ISL_1082507, EPI_ISL_1082508, EPI_ISL_1082512, EPI_ISL_1082520	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, Antonio Fico"
EPI_ISL_1082534, EPI_ISL_1082580, EPI_ISL_1082582, EPI_ISL_1082620, EPI_ISL_1082625, EPI_ISL_1082650, EPI_ISL_1082659, EPI_ISL_1082680, EPI_ISL_1082681, EPI_ISL_1082721, EPI_ISL_1082734, EPI_ISL_1082740, EPI_ISL_1082777, EPI_ISL_1082814, EPI_ISL_1082973, EPI_ISL_1083029, EPI_ISL_1083078	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_1083131, EPI_ISL_1083147, EPI_ISL_1083190, EPI_ISL_1083313, EPI_ISL_1083326, EPI_ISL_1083353, EPI_ISL_1083408, EPI_ISL_1083423, EPI_ISL_1083431, EPI_ISL_1083452, EPI_ISL_1083611	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_1083818, EPI_ISL_1083819, EPI_ISL_1083820, EPI_ISL_1083821, EPI_ISL_1083822, EPI_ISL_1083824, EPI_ISL_1083825, EPI_ISL_1083827, EPI_ISL_1083828, EPI_ISL_1083830, EPI_ISL_1083831, EPI_ISL_1083832, EPI_ISL_1083835, EPI_ISL_1083838, EPI_ISL_1083840, EPI_ISL_1083851, EPI_ISL_1083852, EPI_ISL_1083853, EPI_ISL_1083854, EPI_ISL_1083858, EPI_ISL_1083859, EPI_ISL_1083860, EPI_ISL_1083866, EPI_ISL_1083868, EPI_ISL_1083870, EPI_ISL_1083871, EPI_ISL_1083891, EPI_ISL_1083892, EPI_ISL_1083893, EPI_ISL_1083894, EPI_ISL_1083895, EPI_ISL_1083901, EPI_ISL_1083902, EPI_ISL_1083907, EPI_ISL_1083908, EPI_ISL_1083911, EPI_ISL_1083914, EPI_ISL_1083918, EPI_ISL_1083920, EPI_ISL_1083921, EPI_ISL_1083922, EPI_ISL_1083932, EPI_ISL_1083936, EPI_ISL_1083939, EPI_ISL_1083942, EPI_ISL_1083949, EPI_ISL_1083951, EPI_ISL_1083952, EPI_ISL_1083955, EPI_ISL_1083957, EPI_ISL_1083959, EPI_ISL_1083960, EPI_ISL_1083962, EPI_ISL_1083964, EPI_ISL_1083966, EPI_ISL_1083969, EPI_ISL_1083971, EPI_ISL_1083972, EPI_ISL_1083973, EPI_ISL_1083976, EPI_ISL_1083977, EPI_ISL_1083978, EPI_ISL_1083979, EPI_ISL_1083984, EPI_ISL_1083988, EPI_ISL_1083989, EPI_ISL_1083995, EPI_ISL_1083997, EPI_ISL_1083998, EPI_ISL_1084001, EPI_ISL_1084004, EPI_ISL_1084006, EPI_ISL_1084007, EPI_ISL_1084010, EPI_ISL_1084011, EPI_ISL_1084013, EPI_ISL_1084020, EPI_ISL_1084022, EPI_ISL_1084029, EPI_ISL_1084031, EPI_ISL_1084037, EPI_ISL_1084047, EPI_ISL_1084048, EPI_ISL_1084052, EPI_ISL_1084055, EPI_ISL_1084059, EPI_ISL_1084062, EPI_ISL_1084065, EPI_ISL_1084066, EPI_ISL_1084069, EPI_ISL_1084071, EPI_ISL_1084072, EPI_ISL_1084074, EPI_ISL_1084076, EPI_ISL_1084088, EPI_ISL_1084093, EPI_ISL_1084095, EPI_ISL_1084099, EPI_ISL_1084102, EPI_ISL_1084104, EPI_ISL_1084106, EPI_ISL_1084107, EPI_ISL_1084108, EPI_ISL_1084110, EPI_ISL_1084115, EPI_ISL_1084118, EPI_ISL_1084121, EPI_ISL_1084122, EPI_ISL_1084124, EPI_ISL_1084126, EPI_ISL_1084129, EPI_ISL_1084130, EPI_ISL_1084133, EPI_ISL_1084135, EPI_ISL_1084137, EPI_ISL_1084141, EPI_ISL_1084143, EPI_ISL_1084145, EPI_ISL_1084146, EPI_ISL_1084148, EPI_ISL_1084149, EPI_ISL_1084160, EPI_ISL_1084162, EPI_ISL_1084164, EPI_ISL_1084165, EPI_ISL_1084167, EPI_ISL_1084169, EPI_ISL_1084170, EPI_ISL_1084171, EPI_ISL_1084173, EPI_ISL_1084174, EPI_ISL_1084175, EPI_ISL_1084178, EPI_ISL_1084180, EPI_ISL_1084182, EPI_ISL_1084184, EPI_ISL_1084185, EPI_ISL_1084186, EPI_ISL_1084187, EPI_ISL_1084188, EPI_ISL_1084189, EPI_ISL_1084192, EPI_ISL_1084201, EPI_ISL_1084202	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_1084203		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_1084204, EPI_ISL_1084210, EPI_ISL_1084211, EPI_ISL_1084213, EPI_ISL_1084214, EPI_ISL_1084215, EPI_ISL_1084220, EPI_ISL_1084222, EPI_ISL_1084223, EPI_ISL_1084226, EPI_ISL_1084227, EPI_ISL_1084228, EPI_ISL_1084230, EPI_ISL_1084234, EPI_ISL_1084238, EPI_ISL_1084239, EPI_ISL_1084242, EPI_ISL_1084243, EPI_ISL_1084246, EPI_ISL_1084247, EPI_ISL_1084248, EPI_ISL_1084251, EPI_ISL_1084252, EPI_ISL_1084253, EPI_ISL_1084259, EPI_ISL_1084260, EPI_ISL_1084261, EPI_ISL_1084262, EPI_ISL_1084263, EPI_ISL_1084265, EPI_ISL_1084266, EPI_ISL_1084268, EPI_ISL_1084269	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_1084272, EPI_ISL_1084273		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_1084277, EPI_ISL_1084278, EPI_ISL_1084283, EPI_ISL_1084284, EPI_ISL_1084285, EPI_ISL_1084287, EPI_ISL_1084288, EPI_ISL_1084290, EPI_ISL_1084292, EPI_ISL_1084293, EPI_ISL_1084295	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-1

[illegible]

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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_1084762, EPI_ISL_1084768, EPI_ISL_1084773, EPI_ISL_1084812, EPI_ISL_1084813, EPI_ISL_1084814, EPI_ISL_1084815, EPI_ISL_1084816, EPI_ISL_1084817, EPI_ISL_1084818, EPI_ISL_1084819, EPI_ISL_1084820, EPI_ISL_1084821, EPI_ISL_1084822, EPI_ISL_1084824, EPI_ISL_1084825, EPI_ISL_1084826, EPI_ISL_1084827, EPI_ISL_1084828, EPI_ISL_1084829, EPI_ISL_1084830, EPI_ISL_1084831, EPI_ISL_1084832, EPI_ISL_1084833, EPI_ISL_1084834, EPI_ISL_1084835, EPI_ISL_1084836, EPI_ISL_1084837, EPI_ISL_1084838, EPI_ISL_1084839, EPI_ISL_1084840, EPI_ISL_1084841, EPI_ISL_1084842, EPI_ISL_1084843, EPI_ISL_1084844, EPI_ISL_1084845, EPI_ISL_1084846, EPI_ISL_1084903, EPI_ISL_1084904, EPI_ISL_1084905, EPI_ISL_1084906			
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_1085104	ASL Napoli 1 Centro	AMES Centro Polidiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Antonio Fico"
EPI_ISL_1085298	CH. ALENCON-MAMERS	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_1085299, EPI_ISL_1085300	CHRU HOPITAUX de BRABOIS	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_1085301	G.H.E.F.Grand Hôpital EST Francilien	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_1085302, EPI_ISL_1085324, EPI_ISL_1085325, EPI_ISL_1085326	GROUPE HOSPITALIER SUD ILE DE FRANCE	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_1085327	Hôpital Bicêtre	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_1085328	GROUPE HOSPITALIER SUD ILE DE FRANCE	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_1085329	E.F.S B.F.C JEAN MINJOZ	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_1085678, EPI_ISL_1085679, EPI_ISL_1085680, EPI_ISL_1085681, EPI_ISL_1085682, EPI_ISL_1085683, EPI_ISL_1085684, EPI_ISL_1085685, EPI_ISL_1085686, EPI_ISL_1085687, EPI_ISL_1085688, EPI_ISL_1085689, EPI_ISL_1085690, EPI_ISL_1085691, EPI_ISL_1085692, EPI_ISL_1085693, EPI_ISL_1085694, EPI_ISL_1085695, EPI_ISL_1085696			
see above	Hôpital Pitié-Salpêtrière	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_1085697, EPI_ISL_1085698	Hôpital Avicenne	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_1085699, EPI_ISL_1085700, EPI_ISL_1085701, EPI_ISL_1085702, EPI_ISL_1085703, EPI_ISL_1085704, EPI_ISL_1085705	Hôpital Pitié-Salpêtrière	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_1085708, EPI_ISL_1085709, EPI_ISL_1085815	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_1085818, EPI_ISL_1085822, EPI_ISL_1085826, EPI_ISL_1085829	CH.INTERCOMMUNAL DE CRETEIL	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_1085833	Hôpital Pitié-Salpêtrière	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_1085837	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_1085841	Hôpital Pitié-Salpêtrière	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_1085842, EPI_ISL_1085857	CH.INTERCOMMUNAL DE CRETEIL	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_1085858, EPI_ISL_1085859, EPI_ISL_1085860, EPI_ISL_1085861, EPI_ISL_1085862, EPI_ISL_1085863, EPI_ISL_1085864, EPI_ISL_1085865, EPI_ISL_1085866, EPI_ISL_1085867, EPI_ISL_1085868			
see above	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_1085869, EPI_ISL_1085870, EPI_ISL_1085871, EPI_ISL_1085872	CH.INTERCOMMUNAL DE CRETEIL	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_1085873, EPI_ISL_1085874	Hôpital Pitié-Salpêtrière	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_1085875	Hôpital Antoine-Béclière	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky

EPI_ISL_1085876, EPI_ISL_1085887	CH.INTERCOMMUNAL DE CRETEIL	Créteil, INSERM U955 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_1085888	Hôpital Pitié-Salpêtrière	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_1085897	CH.INTERCOMMUNAL DE CRETEIL	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_1089580, EPI_ISL_1089581, EPI_ISL_1089582, EPI_ISL_1089608, EPI_ISL_1089609, EPI_ISL_1089767, EPI_ISL_1089768, EPI_ISL_1089769, EPI_ISL_1089770, EPI_ISL_1089771	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_1091164	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1091297, EPI_ISL_1091298, EPI_ISL_1091299, EPI_ISL_1091313, EPI_ISL_1091314, EPI_ISL_1091315, EPI_ISL_1091339, EPI_ISL_1091348, EPI_ISL_1091349	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_1091497, EPI_ISL_1091501, EPI_ISL_1091502, EPI_ISL_1091511, EPI_ISL_1091512, EPI_ISL_1091514, EPI_ISL_1091517, EPI_ISL_1091518, EPI_ISL_1091519, EPI_ISL_1091520, EPI_ISL_1091521, EPI_ISL_1091535, EPI_ISL_1091536, EPI_ISL_1091537, EPI_ISL_1091538, EPI_ISL_1091539	see above	Klinisk mikrobiologi, Region Västerbotten	Andreas Sjödin, Linda Karlsson, Emele Näsund Salomonsson, Jonas Näsund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1091937, EPI_ISL_1091971, EPI_ISL_1091975, EPI_ISL_1091980	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hual Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1093183, EPI_ISL_1093187, EPI_ISL_1093188, EPI_ISL_1093189, EPI_ISL_1093228, EPI_ISL_1093230, EPI_ISL_1093232, EPI_ISL_1093235, EPI_ISL_1093242, EPI_ISL_1093243, EPI_ISL_1093255, EPI_ISL_1093257, EPI_ISL_1093267, EPI_ISL_1093268, EPI_ISL_1093269, EPI_ISL_1093270, EPI_ISL_1093271, EPI_ISL_1093272, EPI_ISL_1093273, EPI_ISL_1093274, EPI_ISL_1093277, EPI_ISL_1093278, EPI_ISL_1093279, EPI_ISL_1093280, EPI_ISL_1093281, EPI_ISL_1093282, EPI_ISL_1093284, EPI_ISL_1093285, EPI_ISL_1093286, EPI_ISL_1093299, EPI_ISL_1093301, EPI_ISL_1093302, EPI_ISL_1093304, EPI_ISL_1093352, EPI_ISL_1093357, EPI_ISL_1093360	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1096245, EPI_ISL_1096246	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, Cariou Marie-Estelle
EPI_ISL_1096247, EPI_ISL_1096250, EPI_ISL_1096251, EPI_ISL_1096252	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_1096254	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, Bisiau H
EPI_ISL_1097786, EPI_ISL_1097801, EPI_ISL_1097819, EPI_ISL_1097824, EPI_ISL_1097828, EPI_ISL_1097847, EPI_ISL_1097862, EPI_ISL_1097869, EPI_ISL_1097870, EPI_ISL_1097899	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_1098617	UCLA Clinical Micro Lab	Los Angeles County PHIL	P. Hemarajata et al.
EPI_ISL_1098980, EPI_ISL_1100432, EPI_ISL_1100851, EPI_ISL_1101003, EPI_ISL_1101043, EPI_ISL_1101056, EPI_ISL_1101089, EPI_ISL_1101090, EPI_ISL_1101102, EPI_ISL_1101156, EPI_ISL_1101164, EPI_ISL_1101165, EPI_ISL_1101166, EPI_ISL_1101168, EPI_ISL_1101183, EPI_ISL_1101194, EPI_ISL_1101197, EPI_ISL_1101198, EPI_ISL_1101199, EPI_ISL_1101216, EPI_ISL_1101217, EPI_ISL_1101218, EPI_ISL_1101235, EPI_ISL_1101244, EPI_ISL_1101261, EPI_ISL_1101262, EPI_ISL_1101263, EPI_ISL_1101274, EPI_ISL_1101285, EPI_ISL_1101291, EPI_ISL_1101301	see above	Lighthouse Lab in Milton Keynes	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_1101338	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_1101916	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_1102035, EPI_ISL_1102126, EPI_ISL_1102142, EPI_ISL_1102149	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_1102165	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_1102200, EPI_ISL_1102210, EPI_ISL_1102230, EPI_ISL_1102252, EPI_ISL_1102265, EPI_ISL_1102278, EPI_ISL_1102280, EPI_ISL_1102285, EPI_ISL_1102431	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_1102774, EPI_ISL_1102814, EPI_ISL_1102829, EPI_ISL_1102871, EPI_ISL_1102886, EPI_ISL_1102944, EPI_ISL_1102948, EPI_ISL_1102955, EPI_ISL_1102960, EPI_ISL_1103007	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_1103206, EPI_ISL_1103209, EPI_ISL_1103210, EPI_ISL_1103250, EPI_ISL_1103253, EPI_ISL_1103258, EPI_ISL_1103292, EPI_ISL_1103365, EPI_ISL_1103366, EPI_ISL_1103367, EPI_ISL_1103368, EPI_ISL_1103369, EPI_ISL_1103370, EPI_ISL_1103371, EPI_ISL_1103373, EPI_ISL_1103374, EPI_ISL_1103375, EPI_ISL_1103376, EPI_ISL_1103377, EPI_ISL_1103378, EPI_ISL_1103380, EPI_ISL_1103381, EPI_ISL_1103382, EPI_ISL_1103384, EPI_ISL_1103385, EPI_ISL_1103386, EPI_ISL_1103387, EPI_ISL_1103389, EPI_ISL_1103390, EPI_ISL_1103392, EPI_ISL_1103393, EPI_ISL_1103395, EPI_ISL_1103397, EPI_ISL_1103398, EPI_ISL_1103399, EPI_ISL_1103400, EPI_ISL_1103401, EPI_ISL_1103402, EPI_ISL_1103403, EPI_ISL_1103404, EPI_ISL_1103405, EPI_ISL_1103406, EPI_ISL_1103407, EPI_ISL_1103408, EPI_ISL_1103409, EPI_ISL_1103410, EPI_ISL_1103411, EPI_ISL_1103412, EPI_ISL_1103413, EPI_ISL_1103414, EPI_ISL_1103415, EPI_ISL_1103416, EPI_ISL_1103417, EPI_ISL_1103418, EPI_ISL_1103419, EPI_ISL_1103420, EPI_ISL_1103421, EPI_ISL_1103422, EPI_ISL_1103423, EPI_ISL_1103424, EPI_ISL_1103425, EPI_ISL_1103426, EPI_ISL_1103427, EPI_ISL_1103428, EPI_ISL_1103429, EPI_ISL_1103430, EPI_ISL_1103431, EPI_ISL_1103432, EPI_ISL_1103433, EPI_ISL_1103434, EPI_ISL_1103435, EPI_ISL_1103436, EPI_ISL_1103437, EPI_ISL_1103438, EPI_ISL_1103439, EPI_ISL_1103440, EPI_ISL_1103441, EPI_ISL_1103442, EPI_ISL_1103443, EPI_ISL_1103444, EPI_ISL_1103445, EPI_ISL_1103446, EPI_ISL_1103447, EPI_ISL_1103449, EPI_ISL_1103450, EPI_ISL_1103451, EPI_ISL_1103452, EPI_ISL_1103453, EPI_ISL_1103454, EPI_ISL_1103455, EPI_ISL_1103456, EPI_ISL_1103457, EPI_ISL_1103458, EPI_ISL_1103459, EPI_ISL_1103460, EPI_ISL_1103461, EPI_ISL_1103462, EPI_ISL_1103463, EPI_ISL_1103464, EPI_ISL_1103465, EPI_ISL_1103466, EPI_ISL_1103467, EPI_ISL_1103468, EPI_ISL_1103469, EPI_ISL_1103470, EPI_ISL_1103471, EPI_ISL_1103472, EPI_ISL_1103473, EPI_ISL_1103474, EPI_ISL_1103475, EPI_ISL_1103476, EPI_ISL_1103477, EPI_ISL_1103478, EPI_ISL_1103479, EPI_ISL_1103480, EPI_ISL_1103481, EPI_ISL_1103482, EPI_ISL_1103483, EPI_ISL_1103484, EPI_ISL_1103485, EPI_ISL_1103486, EPI_ISL_1103487, EPI_ISL_1103488, EPI_ISL_1103489, EPI_ISL_1103490, EPI_ISL_1103491, EPI_ISL_1103492, EPI_ISL_1103493, EPI_ISL_1103494, EPI_ISL_1103495, EPI_ISL_1103496, EPI_ISL_1103497, EPI_ISL_1103498, EPI_ISL_1103499, EPI_ISL_1103500,			

EPI_ISL_1103501, EPI_ISL_1103502, EPI_ISL_1103503, EPI_ISL_1103504, EPI_ISL_1103505, EPI_ISL_1103506, EPI_ISL_1103507, EPI_ISL_1103508, EPI_ISL_1103509, EPI_ISL_1103510, EPI_ISL_1103511, EPI_ISL_1103512, EPI_ISL_1103513, EPI_ISL_1103514, EPI_ISL_1103516, EPI_ISL_1103517, EPI_ISL_1103518, EPI_ISL_1103519, EPI_ISL_1103520, EPI_ISL_1103521, EPI_ISL_1103522, EPI_ISL_1103523, EPI_ISL_1103524, EPI_ISL_1103525, EPI_ISL_1103526, EPI_ISL_1103527, EPI_ISL_1103528, EPI_ISL_1103529, EPI_ISL_1103530, EPI_ISL_1103533, EPI_ISL_1103534, EPI_ISL_1103536, EPI_ISL_1103538, EPI_ISL_1103539, EPI_ISL_1103540, EPI_ISL_1103541, EPI_ISL_1103542	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_1103572, EPI_ISL_1103587		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_1103595, EPI_ISL_1103596, EPI_ISL_1103598, EPI_ISL_1103605, EPI_ISL_1103608, EPI_ISL_1103610, EPI_ISL_1103611, EPI_ISL_1103613, EPI_ISL_1103620, EPI_ISL_1103625, EPI_ISL_1103628, EPI_ISL_1103629, EPI_ISL_1103630, EPI_ISL_1103631, EPI_ISL_1103633, EPI_ISL_1103634, EPI_ISL_1103636, EPI_ISL_1103638, EPI_ISL_1103639, EPI_ISL_1103644, EPI_ISL_1103645, EPI_ISL_1103646, EPI_ISL_1103648				
see above		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_1103746		University of Birmingham	COVID-19 Genomics UK (COG-UK) Consortium	Institute of Microbiology, University of Birmingham: Claire McMurray, Joanne Stockton, Samuel Nicholls, Radoslaw Poplawski, Will Rowe, Josh Quick, Nicholas Loman. University of Birmingham Testing Laboratory: Celina M Whalley, Andrew Bosworth, Charlotte Poxon, Kasun Wanigasooriya, Oliver Pickles, Mike Kidd, Alex Richter, Andrew D Beggs PHE Heartlands Lab: Husam Osman, Andrew Bosworth. Queen Elizabeth Hospital: Anna Casey
EPI_ISL_1103843, EPI_ISL_1103845		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_1104179, EPI_ISL_1104180, EPI_ISL_1104181, EPI_ISL_1104182, EPI_ISL_1104183, EPI_ISL_1104184, EPI_ISL_1104185, EPI_ISL_1104187, EPI_ISL_1104188, EPI_ISL_1104189, EPI_ISL_1104190				
see above		West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1104268, EPI_ISL_1104269, EPI_ISL_1104272, EPI_ISL_1104273, EPI_ISL_1104274		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_1104460, EPI_ISL_1104461, EPI_ISL_1104462, EPI_ISL_1104464, EPI_ISL_1104468, EPI_ISL_1104471, EPI_ISL_1104472, EPI_ISL_1104478, EPI_ISL_1104480, EPI_ISL_1104481, EPI_ISL_1104482, EPI_ISL_1104483, EPI_ISL_1104484, EPI_ISL_1104551, EPI_ISL_1104552, EPI_ISL_1104553, EPI_ISL_1104557, EPI_ISL_1104559, EPI_ISL_1104563, EPI_ISL_1104564, EPI_ISL_1104565, EPI_ISL_1104566, EPI_ISL_1104567	see above	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, 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 Olatéju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vainos, Joanne Watts, Mark Whitehead
EPI_ISL_1104690, EPI_ISL_1104692, EPI_ISL_1104693, EPI_ISL_1104706, EPI_ISL_1104707, EPI_ISL_1104708, EPI_ISL_1104710, EPI_ISL_1104711, EPI_ISL_1104712, EPI_ISL_1104713, EPI_ISL_1104715, EPI_ISL_1104716, EPI_ISL_1104717, EPI_ISL_1104718, EPI_ISL_1104719, EPI_ISL_1104720, EPI_ISL_1104722, EPI_ISL_1104723, EPI_ISL_1104724, EPI_ISL_1104725, EPI_ISL_1104726, EPI_ISL_1104727, EPI_ISL_1104728, EPI_ISL_1104729, EPI_ISL_1104730, EPI_ISL_1104731, EPI_ISL_1104732, EPI_ISL_1104733, EPI_ISL_1104734, EPI_ISL_1104735, EPI_ISL_1104737, EPI_ISL_1104738, EPI_ISL_1104739, EPI_ISL_1104743, EPI_ISL_1104744, EPI_ISL_1104745, EPI_ISL_1104748, EPI_ISL_1104752, EPI_ISL_1104755, EPI_ISL_1104757, EPI_ISL_1104758	see above	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_1105307, EPI_ISL_1105311, EPI_ISL_1105315, EPI_ISL_1105321, EPI_ISL_1105322, EPI_ISL_1105327, EPI_ISL_1105328, EPI_ISL_1105334, EPI_ISL_1105337		University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1105405, EPI_ISL_1105418, EPI_ISL_1105419, EPI_ISL_1105420, EPI_ISL_1105421, EPI_ISL_1105422, EPI_ISL_1105423, EPI_ISL_1105424, EPI_ISL_1105425, EPI_ISL_1105426, EPI_ISL_1105427, EPI_ISL_1105428, EPI_ISL_1105429, EPI_ISL_1105430, EPI_ISL_1105431, EPI_ISL_1105432, EPI_ISL_1105433, EPI_ISL_1105434, EPI_ISL_1105435, EPI_ISL_1105436, EPI_ISL_1105437, EPI_ISL_1105438, EPI_ISL_1105440, EPI_ISL_1105462	see above	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_1105581, EPI_ISL_1105584, EPI_ISL_1105590, EPI_ISL_1105591, EPI_ISL_1105600, EPI_ISL_1105601, EPI_ISL_1105603, EPI_ISL_1105604, EPI_ISL_1105607, EPI_ISL_1105609, EPI_ISL_1105611, EPI_ISL_1105616, EPI_ISL_1105622, EPI_ISL_1105623, EPI_ISL_1105626, EPI_ISL_1105627, EPI_ISL_1105634, EPI_ISL_1105635, EPI_ISL_1105636, EPI_ISL_1105637, EPI_ISL_1105642, EPI_ISL_1105643, EPI_ISL_1105645, EPI_ISL_1105646, EPI_ISL_1105653, EPI_ISL_1105655	see above	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_1105754, EPI_ISL_1105755, EPI_ISL_1105756, EPI_ISL_1105758		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_1105937, EPI_ISL_1105957, EPI_ISL_1105964, EPI_ISL_1105966, EPI_ISL_1105967, EPI_ISL_1105973, EPI_ISL_1105994, EPI_ISL_1106014, EPI_ISL_1106016, EPI_ISL_1106021, EPI_ISL_1106022, EPI_ISL_1106023, EPI_ISL_1106024, EPI_ISL_1106026, EPI_ISL_1106035, EPI_ISL_1106039, EPI_ISL_1106040, EPI_ISL_1106064, EPI_ISL_1106067, EPI_ISL_1106068, EPI_ISL_1106069, EPI_ISL_1106071, EPI_ISL_1106072, EPI_ISL_1106127, EPI_ISL_1106135, EPI_ISL_1106136, EPI_ISL_1106162, EPI_ISL_1106165, EPI_ISL_1106172, EPI_ISL_1106179, EPI_ISL_1106185, EPI_ISL_1106186, EPI_ISL_1106187, EPI_ISL_1106188, EPI_ISL_1106197, EPI_ISL_1106198, EPI_ISL_1106203, EPI_ISL_1106204, EPI_ISL_1106205, EPI_ISL_1106206	see above	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_1106253, EPI_ISL_1106262, EPI_ISL_1106272, EPI_ISL_1106279, EPI_ISL_1106364, EPI_ISL_1106365, EPI_ISL_1106366, EPI_ISL_1106383, EPI_ISL_1106387, EPI_ISL_1106392, EPI_ISL_1106400, EPI_ISL_1106403, EPI_ISL_1106404, EPI_ISL_1106405, EPI_ISL_1106411, EPI_ISL_1106412, EPI_ISL_1106413, EPI_ISL_1106416, EPI_ISL_1106418, EPI_ISL_1106419, EPI_ISL_1106423, EPI_ISL_1106425, EPI_ISL_1106426, EPI_ISL_1106428, EPI_ISL_1106429, EPI_ISL_1106430, EPI_ISL_1106431, EPI_ISL_1106440, EPI_ISL_1106443, EPI_ISL_1106444, EPI_ISL_1106446, EPI_ISL_1106447, EPI_ISL_1106450, EPI_ISL_1106452, EPI_ISL_1106453, EPI_ISL_1106454, EPI_ISL_1106455, EPI_ISL_1106457, EPI_ISL_1106460, EPI_ISL_1106461, EPI_ISL_1106463, EPI_ISL_1106464, EPI_ISL_1106465, EPI_ISL_1106466, EPI_ISL_1106469, EPI_ISL_1106470, EPI_ISL_1106478, EPI_ISL_1106481, EPI_ISL_1106482, EPI_ISL_1106483, EPI_ISL_1106484, EPI_ISL_1106485, EPI_ISL_1106487, EPI_ISL_1106489, EPI_ISL_1106491, EPI_ISL_1106493, EPI_ISL_1106494, EPI_ISL_1106495, EPI_ISL_1106496, EPI_ISL_1106497, EPI_ISL_1106498, EPI_ISL_1106501, EPI_ISL_1106502, EPI_ISL_1106506, EPI_ISL_1106507, EPI_ISL_1106508, EPI_ISL_1106510, EPI_ISL_1106511, EPI_ISL_1106514, EPI_ISL_1106527, EPI_ISL_1106528, EPI_ISL_1106531, EPI_ISL_1106532, EPI_ISL_1106534, EPI_ISL_1106536, EPI_ISL_1106538, EPI_ISL_1106539, EPI_ISL_1106540, EPI_ISL_1106541, EPI_ISL_1106542, EPI_ISL_1106543, EPI_ISL_1106544, EPI_ISL_1106545, EPI_ISL_1106546, EPI_ISL_1106547, EPI_ISL_1106548, EPI_ISL_1106555, EPI_ISL_1106557, EPI_ISL_1106558, EPI_ISL_1106559, EPI_ISL_1106561, EPI_ISL_1106562, EPI_ISL_1106563, EPI_ISL_1106564, EPI_ISL_1106566, EPI_ISL_1106568, EPI_ISL_1106570, EPI_ISL_1106573, EPI_ISL_1106574, EPI_ISL_1106575, EPI_ISL_1106576, EPI_ISL_1106579, EPI_ISL_1106580, EPI_ISL_1106581, EPI_ISL_1106582, EPI_ISL_1106583, EPI_ISL_1106584, EPI_ISL_1106585, EPI_ISL_1106588, EPI_ISL_1106590, EPI_ISL_1106591, EPI_ISL_1106595, EPI_ISL_1106597, EPI_ISL_1106598, EPI_ISL_1106600, EPI_ISL_1106601, EPI_ISL_1106640, EPI_ISL_1106641	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 Pacchiariini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1106716, EPI_ISL_1106719, EPI_ISL_1106721, EPI_ISL_1106726, EPI_ISL_1106733, EPI_ISL_1106734, EPI_ISL_1106749, EPI_ISL_1106750, EPI_ISL_1106751, EPI_ISL_1106754, EPI_ISL_1106755, EPI_ISL_1106779, EPI_ISL_1106781, EPI_ISL_1106782, EPI_ISL_1106791, EPI_ISL_1106922, EPI_ISL_1106937, EPI_ISL_1106956	see above	Wales Specialist Virology Centre Sequencing lab: Pathogen	Public Health Wales Microbiology Cardiff Wales Specialist	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree

Genomics Unit		Virology Centre		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_1107264	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_1107527, EPI_ISL_1107528, EPI_ISL_1107529, EPI_ISL_1107530, EPI_ISL_1107681, EPI_ISL_1107682, EPI_ISL_1107683, EPI_ISL_1107684, EPI_ISL_1107685, EPI_ISL_1107758, EPI_ISL_1107778, EPI_ISL_1107779, EPI_ISL_1107780, EPI_ISL_1107781, EPI_ISL_1107782, EPI_ISL_1107783		COVID-19 Genomics UK (COG-UK) Consortium		Angela Beckett, Salman Goudarzi, Christopher Fearn, Kate Cook, Katie Loveson, Sharon Glaysheer, Scott Elliott, Samuel Robson
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust			
EPI_ISL_1109746, EPI_ISL_1109770, EPI_ISL_1109811, EPI_ISL_1109834, EPI_ISL_1109836, EPI_ISL_1109837, EPI_ISL_1109838, EPI_ISL_1109843	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt	
EPI_ISL_1109921, EPI_ISL_1109926, EPI_ISL_1109927, EPI_ISL_1109931, EPI_ISL_1109932, EPI_ISL_1109933, EPI_ISL_1109934, EPI_ISL_1109935, EPI_ISL_1109937, EPI_ISL_1109938, EPI_ISL_1109939, EPI_ISL_1109940, EPI_ISL_1109941, EPI_ISL_1109943				
see above	AZDelta	AZDelta	Geert Martens; Dieter De Smet	
EPI_ISL_1109962	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR	
EPI_ISL_1110163, EPI_ISL_1110164	Hôpital Pitié-Salpêtrière	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_1110175	Hôpital Bicêtre	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_1110177	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_1110180	CH.INTERCOMMUNAL DE CRETEIL	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_1110186, EPI_ISL_1110187	Hôpital Pitié-Salpêtrière	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_1110188	Hôpital Bicêtre	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_1110199	CH.INTERCOMMUNAL DE CRETEIL	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_1110348, EPI_ISL_1110350, EPI_ISL_1110351, EPI_ISL_1110354, EPI_ISL_1110355, EPI_ISL_1110356, EPI_ISL_1110359, EPI_ISL_1110361, EPI_ISL_1110363, EPI_ISL_1110364, EPI_ISL_1110366, EPI_ISL_1110370, EPI_ISL_1110372, EPI_ISL_1110373				
see above	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante	
EPI_ISL_1110398	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, Febreau Christine	
EPI_ISL_1110408	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, Serazin V	
EPI_ISL_1110414	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_1110418, EPI_ISL_1110419	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, Guinoiseau Thibault	
EPI_ISL_1110422, EPI_ISL_1110423	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_1110428	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, Andre-Garnier Elisabeth	
EPI_ISL_1110517, EPI_ISL_1110519	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, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volla, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1110537	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, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Volla, Karoline Bragstad, Olav Hungnes	
EPI_ISL_1110884	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, Pilorge LéA	
EPI_ISL_1110898	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, Fourgeaud Jacques	
EPI_ISL_1110907, EPI_ISL_1110908, EPI_ISL_1110909, EPI_ISL_1110910, EPI_ISL_1110911, EPI_ISL_1110912, EPI_ISL_1110913, EPI_ISL_1110914	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_1110917	Armies	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, Desroches Marine	
EPI_ISL_1110932	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, Pilorge LéA	
EPI_ISL_1110937, EPI_ISL_1110938, EPI_ISL_1110939, EPI_ISL_1110940, EPI_ISL_1110941, EPI_ISL_1110942, EPI_ISL_1110943, EPI_ISL_1110944, EPI_ISL_1110945, EPI_ISL_1110946, EPI_ISL_1110947, EPI_ISL_1110948, EPI_ISL_1110949, EPI_ISL_1110950				
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_1113111, EPI_ISL_1113112, EPI_ISL_1113114, EPI_ISL_1113115, EPI_ISL_1113117, EPI_ISL_1113121, EPI_ISL_1113122, EPI_ISL_1113124, EPI_ISL_1113126, EPI_ISL_1113128, EPI_ISL_1113130, EPI_ISL_1113132, EPI_ISL_1113133, EPI_ISL_1113135				

see above	SYNLAB - Laboratoire J. Collard	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_1113159	Virtua Health System-Voorhees	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1114369, EPI_ISL_1114370	FidaLab	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114372	Vancouver Clinic	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1115719, EPI_ISL_1115720, EPI_ISL_1115722, EPI_ISL_1115728, EPI_ISL_1115729, EPI_ISL_1115730, EPI_ISL_1115731, EPI_ISL_1115732, EPI_ISL_1115734, EPI_ISL_1115735, EPI_ISL_1115737, EPI_ISL_1115739, EPI_ISL_1115740, EPI_ISL_1115741, EPI_ISL_1115742, EPI_ISL_1115745, EPI_ISL_1115746, EPI_ISL_1115747, EPI_ISL_1115749, EPI_ISL_1115750, EPI_ISL_1115752, EPI_ISL_1115753, EPI_ISL_1115755, EPI_ISL_1115756, EPI_ISL_1115757, EPI_ISL_1115758, EPI_ISL_1115760, EPI_ISL_1115761, EPI_ISL_1115763, EPI_ISL_1115764, EPI_ISL_1115766, EPI_ISL_1115767, EPI_ISL_1115768, EPI_ISL_1115769, EPI_ISL_1115770, EPI_ISL_1115774, EPI_ISL_1115775, EPI_ISL_1115776, EPI_ISL_1115777, EPI_ISL_1115779, EPI_ISL_1115780, EPI_ISL_1115782, EPI_ISL_1115783, EPI_ISL_1115785, EPI_ISL_1115786, EPI_ISL_1115787, EPI_ISL_1115788, EPI_ISL_1115789, EPI_ISL_1115790, EPI_ISL_1115791, EPI_ISL_1115792, EPI_ISL_1115793, EPI_ISL_1115795, EPI_ISL_1115796, EPI_ISL_1116139, EPI_ISL_1116140, EPI_ISL_1116141, EPI_ISL_1116142, EPI_ISL_1116144, EPI_ISL_1116147, EPI_ISL_1116148, EPI_ISL_1116149, EPI_ISL_1116152, EPI_ISL_1116154, EPI_ISL_1116155, EPI_ISL_1116156, EPI_ISL_1116157, EPI_ISL_1116158, EPI_ISL_1116162, EPI_ISL_1116163, EPI_ISL_1116164, EPI_ISL_1116165, EPI_ISL_1116167, EPI_ISL_1116168, EPI_ISL_1116170, EPI_ISL_1116172, EPI_ISL_1116173, EPI_ISL_1116175, EPI_ISL_1116176, EPI_ISL_1116177, EPI_ISL_1116178, EPI_ISL_1116179, EPI_ISL_1116180, EPI_ISL_1116181, EPI_ISL_1116183, EPI_ISL_1116184, EPI_ISL_1116185, EPI_ISL_1116187, EPI_ISL_1116188, EPI_ISL_1116190, EPI_ISL_1116191, EPI_ISL_1116192, EPI_ISL_1116194, EPI_ISL_1116195, EPI_ISL_1116196, EPI_ISL_1116197, EPI_ISL_1116199, EPI_ISL_1116200, EPI_ISL_1116201, EPI_ISL_1116202, EPI_ISL_1116203, EPI_ISL_1116204, EPI_ISL_1116205, EPI_ISL_1116206, EPI_ISL_1116207, EPI_ISL_1116208, EPI_ISL_1116210, EPI_ISL_1116212, EPI_ISL_1116215, EPI_ISL_1116216, EPI_ISL_1116217, EPI_ISL_1116218, EPI_ISL_1116219, EPI_ISL_1116220, EPI_ISL_1116244			
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_1116287	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_1116491, EPI_ISL_1116498, EPI_ISL_1116500	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_1116563, EPI_ISL_1116564, EPI_ISL_1116565, EPI_ISL_1116566, EPI_ISL_1116567, EPI_ISL_1116568, EPI_ISL_1116581	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Espectralba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1116634, EPI_ISL_1116666	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116684	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_1116755, EPI_ISL_1116764, EPI_ISL_1116765, EPI_ISL_1116814, EPI_ISL_1116815	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116836, EPI_ISL_1116840	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_1116870, EPI_ISL_1116871	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116880, EPI_ISL_1116881, EPI_ISL_1116882	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_1116919, EPI_ISL_1116920, EPI_ISL_1116932, EPI_ISL_1116945, EPI_ISL_1116946	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116961, EPI_ISL_1116968, EPI_ISL_1116971, EPI_ISL_1116991, EPI_ISL_1117033	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_1117468	OSP SAN SALVATORE, MEDICINA INTERNA	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117482	SIESP DIP PREV TERAMO	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117483, EPI_ISL_1117484	OSP SAN SALVATORE, MEDICINA INTERNA	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117491, EPI_ISL_1117492	SIESP DIP PREV 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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117500	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117501	OSP SAN SALVATORE, MEDICINA INTERNA	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117704, EPI_ISL_1117719, EPI_ISL_1117732, EPI_ISL_1117733, EPI_ISL_1117742, EPI_ISL_1117743, EPI_ISL_1117745, EPI_ISL_1117747, EPI_ISL_1117748, EPI_ISL_1117750, EPI_ISL_1117753			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117757	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117758, EPI_ISL_1117759, EPI_ISL_1117760	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1118113	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 Lovestad
EPI_ISL_1118825, EPI_ISL_1118826, EPI_ISL_1118827, EPI_ISL_1118830, EPI_ISL_1118832, EPI_ISL_1118833, EPI_ISL_1118834	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1118877	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_1118927	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascon
EPI_ISL_1118979, EPI_ISL_1119004	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegéot, 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_1119099	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacore, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119100	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegéot, 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_1119101, EPI_ISL_1119102, EPI_ISL_1119103, EPI_ISL_1119104, EPI_ISL_1119105, EPI_ISL_1119106, EPI_ISL_1119107, EPI_ISL_1119108	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacore, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119109, EPI_ISL_1119110, EPI_ISL_1119111, EPI_ISL_1119112, EPI_ISL_1119113, EPI_ISL_1119114, EPI_ISL_1119115, EPI_ISL_1119116, EPI_ISL_1119117, EPI_ISL_1119118, EPI_ISL_1119119, EPI_ISL_1119120, EPI_ISL_1119121, EPI_ISL_1119122, EPI_ISL_1119123, EPI_ISL_1119193, EPI_ISL_1119200, EPI_ISL_1119201, EPI_ISL_1119205, EPI_ISL_1119206, EPI_ISL_1119207, EPI_ISL_1119208, EPI_ISL_1119209, EPI_ISL_1119279, EPI_ISL_1119315, EPI_ISL_1119318, EPI_ISL_1119436, EPI_ISL_1119437, EPI_ISL_1119438	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegéot, 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
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegéot, 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_1121037	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marccaci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1121252, EPI_ISL_1121254	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121594, EPI_ISL_1121600, EPI_ISL_1121606, EPI_ISL_1121611, EPI_ISL_1121617, EPI_ISL_1121623	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121624	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121627	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121628	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121632	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1122533, EPI_ISL_1122621, EPI_ISL_1122722, EPI_ISL_1122726	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_1123495, EPI_ISL_1123499, EPI_ISL_1123500, EPI_ISL_1123507, EPI_ISL_1123510, EPI_ISL_1123512, EPI_ISL_1123523, EPI_ISL_1123526, EPI_ISL_1123530, EPI_ISL_1123537, EPI_ISL_1123544, EPI_ISL_1123551, EPI_ISL_1123562, EPI_ISL_1123565, EPI_ISL_1123569, EPI_ISL_1123578, EPI_ISL_1123580, EPI_ISL_1123582, EPI_ISL_1123585, EPI_ISL_1123587, EPI_ISL_1123589, EPI_ISL_1123596, EPI_ISL_1123605, EPI_ISL_1123607, EPI_ISL_1123610, EPI_ISL_1123614, EPI_ISL_1123619, EPI_ISL_1123621, EPI_ISL_1123623, EPI_ISL_1123628, EPI_ISL_1123630, EPI_ISL_1123640, EPI_ISL_1123644, EPI_ISL_1123649, EPI_ISL_1123658, EPI_ISL_1123661, EPI_ISL_1123665, EPI_ISL_1123672, EPI_ISL_1123675, EPI_ISL_1123678, EPI_ISL_1123688, EPI_ISL_1123690, EPI_ISL_1123693, EPI_ISL_1123706, EPI_ISL_1123715, EPI_ISL_1123719, EPI_ISL_1123729, EPI_ISL_1123738, EPI_ISL_1123740, EPI_ISL_1123747, EPI_ISL_1123756, EPI_ISL_1123763, EPI_ISL_1123765, EPI_ISL_1123767, EPI_ISL_1123779, EPI_ISL_1123784, EPI_ISL_1123786, EPI_ISL_1123788, 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EPI_ISL_1132212, EPI_ISL_1132220, EPI_ISL_1132222, EPI_ISL_1132223, EPI_ISL_1132225, EPI_ISL_1132226, EPI_ISL_1132228, EPI_ISL_1132272	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_1137608	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón	
EPI_ISL_1148465	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown	
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EPI_ISL_1148480	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown	
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EPI_ISL_1150497	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown	
EPI_ISL_1151416	SYNLAB MVZ Weiden	Robert Koch Institute	unknown	
EPI_ISL_1151419	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown	
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EPI_ISL_1151542	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown	
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EPI_ISL_1151675	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1151690	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1151702	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
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EPI_ISL_1151726	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151739, EPI_ISL_1151745	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151764	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151771	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151772, EPI_ISL_1151778, EPI_ISL_1151785	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151794	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1152258	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1152653	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152661	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1152667, EPI_ISL_1152671, EPI_ISL_1152672, EPI_ISL_1152679	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152689	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152709, EPI_ISL_1152712, EPI_ISL_1152714, EPI_ISL_1152720, EPI_ISL_1152728, EPI_ISL_1152737, EPI_ISL_1152752, EPI_ISL_1152754, EPI_ISL_1152758, EPI_ISL_1152760, EPI_ISL_1152765, EPI_ISL_1152772, EPI_ISL_1152790, EPI_ISL_1152802, EPI_ISL_1152810, EPI_ISL_1152816, EPI_ISL_1152830, EPI_ISL_1152837, EPI_ISL_1152856, EPI_ISL_1152861, EPI_ISL_1152862			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152866	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152881, EPI_ISL_1152886, EPI_ISL_1152892, EPI_ISL_1152901, EPI_ISL_1152908, EPI_ISL_1152913, EPI_ISL_1152918	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152922, EPI_ISL_1152931	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152933, EPI_ISL_1152937, EPI_ISL_1152938, EPI_ISL_1152942	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152951	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152959, EPI_ISL_1152961, EPI_ISL_1152962, EPI_ISL_1152964, EPI_ISL_1152965, EPI_ISL_1152966, EPI_ISL_1152980, EPI_ISL_1152981, EPI_ISL_1152984, EPI_ISL_1152987, EPI_ISL_1152989, EPI_ISL_1152993, EPI_ISL_1152994, EPI_ISL_1152995, EPI_ISL_1152998, EPI_ISL_1153003, EPI_ISL_1153004, EPI_ISL_1153010			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153014	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153017, EPI_ISL_1153019, EPI_ISL_1153022, EPI_ISL_1153028, EPI_ISL_1153030, EPI_ISL_1153032, EPI_ISL_1153039, EPI_ISL_1153040	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153042	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153045, EPI_ISL_1153056, EPI_ISL_1153059, EPI_ISL_1153062, EPI_ISL_1153063, EPI_ISL_1153065, EPI_ISL_1153066, EPI_ISL_1153073, EPI_ISL_1153081, EPI_ISL_1153091, EPI_ISL_1153093, EPI_ISL_1153095, EPI_ISL_1153096, EPI_ISL_1153097, EPI_ISL_1153100, EPI_ISL_1153101, EPI_ISL_1153109			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153114	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153266	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1153546	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153552, EPI_ISL_1153554	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153562, EPI_ISL_1153565, EPI_ISL_1153567, EPI_ISL_1153574, EPI_ISL_1153581, EPI_ISL_1153584, EPI_ISL_1153588, EPI_ISL_1153601, EPI_ISL_1153603, EPI_ISL_1153605, EPI_ISL_1153612, EPI_ISL_1153614, EPI_ISL_1153620			
see above	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153660	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1154191	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154205	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154211	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154212	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154214, EPI_ISL_1154226	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154227	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154229, EPI_ISL_1154230	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154235, EPI_ISL_1154236	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown

EPI_ISL_1154244, EPI_ISL_1154256	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154260	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154273	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154278, EPI_ISL_1154282, EPI_ISL_1154285, EPI_ISL_1154287, EPI_ISL_1154292, EPI_ISL_1154293, EPI_ISL_1154296, EPI_ISL_1154301	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154302	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154303	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154304	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154305	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154307	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154313	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154316, EPI_ISL_1154319, EPI_ISL_1154321	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154323	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154324	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154332	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154333, EPI_ISL_1154338, EPI_ISL_1154342	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154343	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154349	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154351	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154364, EPI_ISL_1154366, EPI_ISL_1154383, EPI_ISL_1154385, EPI_ISL_1154390	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154398	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1154412, EPI_ISL_1154417	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154419, EPI_ISL_1154421	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154422	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1154427	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154475, EPI_ISL_1154476, EPI_ISL_1154525	Universitätsklinikum Frankfurt - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1154663	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154673	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1154784, EPI_ISL_1154802, EPI_ISL_1154831, EPI_ISL_1154891, EPI_ISL_1154921, EPI_ISL_1154966, EPI_ISL_1154979, EPI_ISL_1154989, EPI_ISL_1154993, EPI_ISL_1155014, EPI_ISL_1155081, EPI_ISL_1155094			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155209, EPI_ISL_1155213, EPI_ISL_1155226	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1155468	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1155509	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1155515	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155543	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155549	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155552, EPI_ISL_1155553	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1155556, EPI_ISL_1155560	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1155565	Institut für med. Mikrobiologie u. Virologie Klinikum Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1155587, EPI_ISL_1155654, EPI_ISL_1155824, EPI_ISL_1155856	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1156378	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156385	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156389	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156392	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156399	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156401	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156429, EPI_ISL_1156436	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156460, EPI_ISL_1156461	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156536	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1156537	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown

EPI_ISL_1156657, EPI_ISL_1156676, EPI_ISL_1156709	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156717	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1156732, EPI_ISL_1156747, EPI_ISL_1156776	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1156785	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156792, EPI_ISL_1156795, EPI_ISL_1156796, EPI_ISL_1156800, EPI_ISL_1156803, EPI_ISL_1156808	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156819	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156821, EPI_ISL_1156833, EPI_ISL_1156837, EPI_ISL_1156841	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156843	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156857, EPI_ISL_1156864, EPI_ISL_1156868, EPI_ISL_1156877	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156888, EPI_ISL_1156896	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156927, EPI_ISL_1156928	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156959, EPI_ISL_1156965	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1157175, EPI_ISL_1157201, EPI_ISL_1157203	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1157291, EPI_ISL_1157294	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1157362	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1157855, EPI_ISL_1157857, EPI_ISL_1157859, EPI_ISL_1157864, EPI_ISL_1157869, EPI_ISL_1157875, EPI_ISL_1157878, EPI_ISL_1157883, EPI_ISL_1157887, EPI_ISL_1157889, EPI_ISL_1157890			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1158032	Saint-Luc Bouge	Plateforme de testing Namuroise	Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1158105, EPI_ISL_1158106, EPI_ISL_1158107, EPI_ISL_1158108, EPI_ISL_1158109, EPI_ISL_1158110, EPI_ISL_1158111, EPI_ISL_1158112, EPI_ISL_1158113, EPI_ISL_1158114, EPI_ISL_1158115, EPI_ISL_1158116, EPI_ISL_1158117, EPI_ISL_1158118, EPI_ISL_1158119, EPI_ISL_1158120, EPI_ISL_1158121, EPI_ISL_1158122, EPI_ISL_1158123, EPI_ISL_1158124, EPI_ISL_1158125, EPI_ISL_1158126, EPI_ISL_1158127, EPI_ISL_1158128, EPI_ISL_1158129, EPI_ISL_1158130, EPI_ISL_1158131, EPI_ISL_1158156, EPI_ISL_1158157, EPI_ISL_1158158, EPI_ISL_1158159, EPI_ISL_1158160, EPI_ISL_1158161, EPI_ISL_1158162, EPI_ISL_1158163, EPI_ISL_1158164			
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_1158547	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1158819, EPI_ISL_1158821, EPI_ISL_1158826, EPI_ISL_1158835, EPI_ISL_1158838, EPI_ISL_1158841	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_1159722	Atlas Genomics	Atlas Genomics	Michael Kalnoski, MD
EPI_ISL_1163672, EPI_ISL_1163673	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1164501, EPI_ISL_1164502, EPI_ISL_1164514, EPI_ISL_1164518	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1165042, EPI_ISL_1165049	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1165152, EPI_ISL_1165154, EPI_ISL_1165155, EPI_ISL_1165161, EPI_ISL_1165175, EPI_ISL_1165186, EPI_ISL_1165187, EPI_ISL_1165194, EPI_ISL_1165211, EPI_ISL_1165219, EPI_ISL_1165225, EPI_ISL_1165285, EPI_ISL_1165289, EPI_ISL_1165292, EPI_ISL_1165298, EPI_ISL_1165304, EPI_ISL_1165308, EPI_ISL_1165321, EPI_ISL_1165322, EPI_ISL_1165367, EPI_ISL_1165385, EPI_ISL_1165386, EPI_ISL_1165408, EPI_ISL_1165418, EPI_ISL_1165434, EPI_ISL_1165439, EPI_ISL_1165441, EPI_ISL_1165446, EPI_ISL_1165449, EPI_ISL_1165456, EPI_ISL_1165459, EPI_ISL_1165461, EPI_ISL_1165466, EPI_ISL_1165468, EPI_ISL_1165470, EPI_ISL_1165479, EPI_ISL_1165480, EPI_ISL_1165481, EPI_ISL_1165489, EPI_ISL_1165491, EPI_ISL_1165492, EPI_ISL_1165529, EPI_ISL_1165530, EPI_ISL_1165531, EPI_ISL_1165533, EPI_ISL_1165546, EPI_ISL_1165563			
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_1165818	I.F.A.C. Hopital Princesse Paola	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_1167298, EPI_ISL_1167299, EPI_ISL_1167300, EPI_ISL_1167301, EPI_ISL_1167302, EPI_ISL_1167303, EPI_ISL_1167304, EPI_ISL_1167305, EPI_ISL_1167306	Laboratoire de santé publique du Québec	Laboratoire de santé publique du Québec	Sandrine Moreira, Ioannis Ragoussis, Guillaume Bourque, Jesse Shapiro, Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group
EPI_ISL_1168071	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_1168096	NPC	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_1168147	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_1168217	Armies	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, Desroches Marine
EPI_ISL_1168219	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, Capron Nicolas
EPI_ISL_1169628, EPI_ISL_1169644	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_1170126	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170127, EPI_ISL_1170128, EPI_ISL_1170129, EPI_ISL_1170130	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al

EPI_ISL_1170131, EPI_ISL_1170132, EPI_ISL_1170133, EPI_ISL_1170134	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170135, EPI_ISL_1170136, EPI_ISL_1170137	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1170138	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1170139	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1170140, EPI_ISL_1170141, EPI_ISL_1170142	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1171465, EPI_ISL_1171471	Algemeen Medisch Laboratorium (AML)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_1171790, EPI_ISL_1171803	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_1171986	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1173355, EPI_ISL_1173509	Imelda Hospital	Imelda Hospital	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1173780, EPI_ISL_1173789, EPI_ISL_1173814, EPI_ISL_1173828, EPI_ISL_1173832, EPI_ISL_1173835, EPI_ISL_1173843, EPI_ISL_1173853	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1174050, EPI_ISL_1174059, EPI_ISL_1174060, EPI_ISL_1174068, EPI_ISL_1174082, EPI_ISL_1174092, EPI_ISL_1174109, EPI_ISL_1174111, EPI_ISL_1174113, EPI_ISL_1174122, EPI_ISL_1174182, EPI_ISL_1174190, EPI_ISL_1174205, EPI_ISL_1174212, EPI_ISL_1174228, EPI_ISL_1174231, EPI_ISL_1174236, EPI_ISL_1174240, EPI_ISL_1174244, EPI_ISL_1174255, EPI_ISL_1174259, EPI_ISL_1174297, EPI_ISL_1174306, EPI_ISL_1174308, EPI_ISL_1174310, EPI_ISL_1174930, EPI_ISL_1174958, EPI_ISL_1174990, EPI_ISL_1175021, EPI_ISL_1175105			
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_1175435, EPI_ISL_1175470, EPI_ISL_1175719	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_1175747	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_1176724, EPI_ISL_1176725, EPI_ISL_1176726, EPI_ISL_1176727, EPI_ISL_1176728, EPI_ISL_1176731, EPI_ISL_1176732, EPI_ISL_1176733, EPI_ISL_1176734, EPI_ISL_1176736, EPI_ISL_1176737, EPI_ISL_1176738, EPI_ISL_1176739, EPI_ISL_1176740, EPI_ISL_1176743, EPI_ISL_1176744, EPI_ISL_1176745, EPI_ISL_1176746, EPI_ISL_1176747, EPI_ISL_1176748, EPI_ISL_1176750, EPI_ISL_1176751, EPI_ISL_1176752, EPI_ISL_1176754, EPI_ISL_1176756, EPI_ISL_1176757, EPI_ISL_1176758, EPI_ISL_1176759, EPI_ISL_1176760, EPI_ISL_1176761, EPI_ISL_1176762, EPI_ISL_1176763, EPI_ISL_1176768, EPI_ISL_1176769, EPI_ISL_1176770, EPI_ISL_1176771, EPI_ISL_1176772, EPI_ISL_1176773, EPI_ISL_1176774, EPI_ISL_1176775, EPI_ISL_1176777, EPI_ISL_1176778, EPI_ISL_1176779, EPI_ISL_1176780, EPI_ISL_1176781, EPI_ISL_1176782, EPI_ISL_1176783, EPI_ISL_1176784, EPI_ISL_1176787, EPI_ISL_1176788, EPI_ISL_1176789, EPI_ISL_1176790, EPI_ISL_1176791, EPI_ISL_1176792, EPI_ISL_1176793, EPI_ISL_1176794, EPI_ISL_1176795, EPI_ISL_1176798, EPI_ISL_1176799, EPI_ISL_1176800, EPI_ISL_1176801, EPI_ISL_1176802, EPI_ISL_1176803, EPI_ISL_1176804, EPI_ISL_1176805, EPI_ISL_1176806, EPI_ISL_1176808, EPI_ISL_1176809, EPI_ISL_1176810, EPI_ISL_1176811, EPI_ISL_1176812			
see above	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_1176816, EPI_ISL_1176818, EPI_ISL_1176820, EPI_ISL_1176821, EPI_ISL_1176822, EPI_ISL_1176826, EPI_ISL_1176829, EPI_ISL_1176830, EPI_ISL_1176831, EPI_ISL_1176832, EPI_ISL_1176833, EPI_ISL_1176836, EPI_ISL_1176837, EPI_ISL_1176838, EPI_ISL_1176839, EPI_ISL_1176840, EPI_ISL_1176841, EPI_ISL_1176843, EPI_ISL_1176844, EPI_ISL_1176849, EPI_ISL_1176850, EPI_ISL_1176851, EPI_ISL_1176852, EPI_ISL_1176853, EPI_ISL_1176855, EPI_ISL_1176860, EPI_ISL_1176861, EPI_ISL_1176864, EPI_ISL_1176866, EPI_ISL_1176867, EPI_ISL_1176871, EPI_ISL_1176872, EPI_ISL_1176873, EPI_ISL_1176874, EPI_ISL_1176875, EPI_ISL_1176877, EPI_ISL_1176878, EPI_ISL_1176879, EPI_ISL_1176881, EPI_ISL_1176882, EPI_ISL_1176883, EPI_ISL_1176884, EPI_ISL_1176885, EPI_ISL_1176886, EPI_ISL_1176888, EPI_ISL_1176889, EPI_ISL_1176893, EPI_ISL_1176894, EPI_ISL_1176895, EPI_ISL_1176896, EPI_ISL_1176897, EPI_ISL_1176898, EPI_ISL_1176899			
see above	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, Carlaid Evans
EPI_ISL_1176904, EPI_ISL_1176906, EPI_ISL_1176908, EPI_ISL_1176910, EPI_ISL_1176911, EPI_ISL_1176912, EPI_ISL_1176916, EPI_ISL_1176919, EPI_ISL_1176920, EPI_ISL_1176921, EPI_ISL_1176922, EPI_ISL_1176923, EPI_ISL_1176928, EPI_ISL_1176931, EPI_ISL_1176932, EPI_ISL_1176933, EPI_ISL_1176941, EPI_ISL_1176942, EPI_ISL_1176943, EPI_ISL_1176947, EPI_ISL_1176950, EPI_ISL_1176951, EPI_ISL_1176957, EPI_ISL_1176961, EPI_ISL_1176962, EPI_ISL_1176963, EPI_ISL_1176965, EPI_ISL_1176970, EPI_ISL_1176971, EPI_ISL_1176972, EPI_ISL_1176973, EPI_ISL_1176974, EPI_ISL_1176976, EPI_ISL_1176982, EPI_ISL_1176983, EPI_ISL_1176984, EPI_ISL_1176985, EPI_ISL_1176988, EPI_ISL_1176989, EPI_ISL_1176990, EPI_ISL_1176992, EPI_ISL_1176993, EPI_ISL_1176994, EPI_ISL_1176995, EPI_ISL_1176996, EPI_ISL_1176998, EPI_ISL_1176999, EPI_ISL_1177000, EPI_ISL_1177003, EPI_ISL_1177004, EPI_ISL_1177007, EPI_ISL_1177011, EPI_ISL_1177012, EPI_ISL_1177013, EPI_ISL_1177014, EPI_ISL_1177015, EPI_ISL_1177018, EPI_ISL_1177019, EPI_ISL_1177020, EPI_ISL_1177024, EPI_ISL_1177025, EPI_ISL_1177026, EPI_ISL_1177029, EPI_ISL_1177030, EPI_ISL_1177031, EPI_ISL_1177032, EPI_ISL_1177034, EPI_ISL_1177035, EPI_ISL_1177036, EPI_ISL_1177037, EPI_ISL_1177038, EPI_ISL_1177039, EPI_ISL_1177040, EPI_ISL_1177041, EPI_ISL_1177043, EPI_ISL_1177045, EPI_ISL_1177046, EPI_ISL_1177047, EPI_ISL_1177048, EPI_ISL_1177049, EPI_ISL_1177050, EPI_ISL_1177051, EPI_ISL_1177052, EPI_ISL_1177053, EPI_ISL_1177055, EPI_ISL_1177057, EPI_ISL_1177058, EPI_ISL_1177059, EPI_ISL_1177060, EPI_ISL_1177061, EPI_ISL_1177063, EPI_ISL_1177065, EPI_ISL_1177067, EPI_ISL_1177069, EPI_ISL_1177070, EPI_ISL_1177071, EPI_ISL_1177078, EPI_ISL_1177079, EPI_ISL_1177080, EPI_ISL_1177081, EPI_ISL_1177082, EPI_ISL_1177083, EPI_ISL_1177084, EPI_ISL_1177085, EPI_ISL_1177086, EPI_ISL_1177087, EPI_ISL_1177088, EPI_ISL_1177089, EPI_ISL_1177090, EPI_ISL_1177091, EPI_ISL_1177092, EPI_ISL_1177093, EPI_ISL_1177094, EPI_ISL_1177095, EPI_ISL_1177096, EPI_ISL_1177097, EPI_ISL_1177098, EPI_ISL_1177099, EPI_ISL_1177100, EPI_ISL_1177101, EPI_ISL_1177105, EPI_ISL_1177106, EPI_ISL_1177107, EPI_ISL_1177108, EPI_ISL_1177109, EPI_ISL_1177110, EPI_ISL_1177115, EPI_ISL_1177116, EPI_ISL_1177117, EPI_ISL_1177118, EPI_ISL_1177119, EPI_ISL_1177123, EPI_ISL_1177124, EPI_ISL_1177125, EPI_ISL_1177126, EPI_ISL_1177131, EPI_ISL_1177132, EPI_ISL_1177133, EPI_ISL_1177134, EPI_ISL_1177135, EPI_ISL_1177136, EPI_ISL_1177137, EPI_ISL_1177140, EPI_ISL_1177141, EPI_ISL_1177142, EPI_ISL_1177143, EPI_ISL_1177144, EPI_ISL_1177145, EPI_ISL_1177146, EPI_ISL_1177147, EPI_ISL_1177148, EPI_ISL_1177149, EPI_ISL_1177150, EPI_ISL_1177151, EPI_ISL_1177152, EPI_ISL_1177153, EPI_ISL_1177154, EPI_ISL_1177155, EPI_ISL_1177156, EPI_ISL_1177157, EPI_ISL_1177158, EPI_ISL_1177159, EPI_ISL_1177160, EPI_ISL_1177161, EPI_ISL_1177162, EPI_ISL_1177163, EPI_ISL_1177164, EPI_ISL_1177165, EPI_ISL_1177166, EPI_ISL_1177167, EPI_ISL_1177168, EPI_ISL_1177169, EPI_ISL_1177170, EPI_ISL_1177171, EPI_ISL_1177172, EPI_ISL_1177173, EPI_ISL_1177174, EPI_ISL_1177177, EPI_ISL_1177178, EPI_ISL_1177179, EPI_ISL_1177180, EPI_ISL_1177181, EPI_ISL_1177182, EPI_ISL_1177183, EPI_ISL_1177184, EPI_ISL_1177186, EPI_ISL_1177187, EPI_ISL_1177188, EPI_ISL_1177189, EPI_ISL_1177190, EPI_ISL_1177191, EPI_ISL_1177193, EPI_ISL_1177194, EPI_ISL_1177195, EPI_ISL_1177196, EPI_ISL_1177197, EPI_ISL_1177198, EPI_ISL_1177199, EPI_ISL_1177201, EPI_ISL_1177202, EPI_ISL_1177203, EPI_ISL_1177204, EPI_ISL_1177205, EPI_ISL_1177206, EPI_ISL_1177207, EPI_ISL_1177208, EPI_ISL_1177209, EPI_ISL_1177210, EPI_ISL_1177212, EPI_ISL_1177213, EPI_ISL_1177214, EPI_ISL_1177215, EPI_ISL_1177216, EPI_ISL_1177217, EPI_ISL_1177218, EPI_ISL_1177219, EPI_ISL_1177220, EPI_ISL_1177221, EPI_ISL_1177222, EPI_ISL_1177223, EPI_ISL_1177225, EPI_ISL_1177226, EPI_ISL_1177227, EPI_ISL_1177228, EPI_ISL_1177229, EPI_ISL_1177230			
see above	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, Yusra Taha, Gary Eltringham
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see above	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_1177640, EPI_ISL_1177651	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_1177726, EPI_ISL_1177735	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_1177759, EPI_ISL_1177760, EPI_ISL_1177770, EPI_ISL_1177771	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_1177787, EPI_ISL_1177790, EPI_ISL_1177795, EPI_ISL_1177798, EPI_ISL_1177800	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_1177899, EPI_ISL_1177916, EPI_ISL_1177923	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_1177995, EPI_ISL_1177996, EPI_ISL_1177997	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; OWOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix
EPI_ISL_1178068, EPI_ISL_1178069, EPI_ISL_1178070, EPI_ISL_1178073, EPI_ISL_1178074, EPI_ISL_1178076, EPI_ISL_1178078, EPI_ISL_1178079, EPI_ISL_1178081, EPI_ISL_1178082, EPI_ISL_1178084, EPI_ISL_1178085, EPI_ISL_1178089, EPI_ISL_1178093			
see above	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 Anygal, 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
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EPI_ISL_1178620, EPI_ISL_1178621, EPI_ISL_1178625, EPI_ISL_1178626, EPI_ISL_1178664, EPI_ISL_1178665, EPI_ISL_1178666, EPI_ISL_1178667	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_1178898, EPI_ISL_1178930	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_1179646, EPI_ISL_1179647, EPI_ISL_1179648, EPI_ISL_1179649, EPI_ISL_1179650, EPI_ISL_1179651, EPI_ISL_1179670, EPI_ISL_1179671, EPI_ISL_1179672, EPI_ISL_1179673, EPI_ISL_1179675, EPI_ISL_1179676, EPI_ISL_1179677, EPI_ISL_1179678, EPI_ISL_1179679, EPI_ISL_1179681	see above	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_1179682	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueliez and SeqCOVID-SPAIN consortium
EPI_ISL_1179683, EPI_ISL_1179687, EPI_ISL_1179689, EPI_ISL_1179691, EPI_ISL_1179692, EPI_ISL_1179694, EPI_ISL_1179695, EPI_ISL_1179697, EPI_ISL_1179700, EPI_ISL_1179702	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_1180053, EPI_ISL_1180068, EPI_ISL_1180088	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 Anygal, 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_1180210, EPI_ISL_1180213, EPI_ISL_1180216, EPI_ISL_1180219, EPI_ISL_1180221, EPI_ISL_1180223, EPI_ISL_1180225	Althaia. Xarxa Assistencial Universit�ria de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadell�, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafael Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1180846, EPI_ISL_1180855, EPI_ISL_1180866, EPI_ISL_1180867, EPI_ISL_1180868, EPI_ISL_1180869, EPI_ISL_1180870, EPI_ISL_1180871, EPI_ISL_1180872, EPI_ISL_1180873, EPI_ISL_1180874, EPI_ISL_1180875, EPI_ISL_1180876, EPI_ISL_1180877, EPI_ISL_1180878, EPI_ISL_1180879, EPI_ISL_1180880	see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences
EPI_ISL_1180902	Department of Microbiology, University Innsbruck	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1180912	Institute for Water Quality and Resource Management, Technical University Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1180933	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1181143, EPI_ISL_1181144, EPI_ISL_1181146, EPI_ISL_1181149	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_1182005, EPI_ISL_1182006	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1182077, EPI_ISL_1182078, EPI_ISL_1182079, EPI_ISL_1182080	Tempus	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, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1184081	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrem S. Lim
EPI_ISL_1184232	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1186078, EPI_ISL_1186082	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1186112	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, 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_1186140, EPI_ISL_1186142, EPI_ISL_1186145	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, 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_1186858, EPI_ISL_1186869, EPI_ISL_1186889, EPI_ISL_1186903, EPI_ISL_1186916, EPI_ISL_1186925, EPI_ISL_1186935, EPI_ISL_1186937, EPI_ISL_1186959, EPI_ISL_1186971, EPI_ISL_1186973, EPI_ISL_1186975, EPI_ISL_1187002, EPI_ISL_1187010	see above	Randox Laboratories	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_1187089, EPI_ISL_1187102, EPI_ISL_1187125, EPI_ISL_1187135, EPI_ISL_1187144, EPI_ISL_1187179,	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_1189845, EPI_ISL_1189846, EPI_ISL_1189847, EPI_ISL_1189849, EPI_ISL_1189857, EPI_ISL_1189858, EPI_ISL_1189859, EPI_ISL_1189863, EPI_ISL_1189868, EPI_ISL_1189874, EPI_ISL_1189876, EPI_ISL_1189878, EPI_ISL_1189880, EPI_ISL_1189882, EPI_ISL_1189885, EPI_ISL_1189892, EPI_ISL_1189894, EPI_ISL_1189896, EPI_ISL_1189897, EPI_ISL_1189898, EPI_ISL_1189905, EPI_ISL_1189909, EPI_ISL_1189915, EPI_ISL_1189916, EPI_ISL_1189928, EPI_ISL_1189932, EPI_ISL_1189933, EPI_ISL_1189934, EPI_ISL_1189940, EPI_ISL_1189946, EPI_ISL_1189948, EPI_ISL_1189957, EPI_ISL_1189963, EPI_ISL_1189964, EPI_ISL_1189965, EPI_ISL_1189968, EPI_ISL_1189969, EPI_ISL_1189973, EPI_ISL_1189976, EPI_ISL_1189978, EPI_ISL_1189981, EPI_ISL_1189984, EPI_ISL_1189988, EPI_ISL_1189990, EPI_ISL_1189992, EPI_ISL_1189994, EPI_ISL_1189996, EPI_ISL_1189998, EPI_ISL_1190000, EPI_ISL_1190005, EPI_ISL_1190009, EPI_ISL_1190010, EPI_ISL_1190014, EPI_ISL_1190017, EPI_ISL_1190020, EPI_ISL_1190021, EPI_ISL_1190024, EPI_ISL_1190026, EPI_ISL_1190027, EPI_ISL_1190028, EPI_ISL_1190034, EPI_ISL_1190035, EPI_ISL_1190037, EPI_ISL_1190038, EPI_ISL_1190039, EPI_ISL_1190044, EPI_ISL_1190047, EPI_ISL_1190048, EPI_ISL_1190049, EPI_ISL_1190050, EPI_ISL_1190055, EPI_ISL_1190057, EPI_ISL_1190064, EPI_ISL_1190067, EPI_ISL_1190068, EPI_ISL_1190076, EPI_ISL_1190078, EPI_ISL_1190079, EPI_ISL_1190081, EPI_ISL_1190083, EPI_ISL_1190084, EPI_ISL_1190086, EPI_ISL_1190087, EPI_ISL_1190088, EPI_ISL_1190090, EPI_ISL_1190093, EPI_ISL_1190094, EPI_ISL_1190095, EPI_ISL_1190096, EPI_ISL_1190100, EPI_ISL_1190103, EPI_ISL_1190110, EPI_ISL_1190113, EPI_ISL_1190115			
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_1190134	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_1190725	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_1191146, EPI_ISL_1191147, EPI_ISL_1191169, EPI_ISL_1191170, EPI_ISL_1191171, EPI_ISL_1191172, EPI_ISL_1191173, EPI_ISL_1191174, EPI_ISL_1191175, EPI_ISL_1191176, EPI_ISL_1191177, EPI_ISL_1191178, EPI_ISL_1191185, EPI_ISL_1191186, EPI_ISL_1191187, EPI_ISL_1191188, EPI_ISL_1191189, EPI_ISL_1191190, EPI_ISL_1191191, EPI_ISL_1191192, EPI_ISL_1191193, EPI_ISL_1191194, EPI_ISL_1191195, EPI_ISL_1191196, EPI_ISL_1191197, EPI_ISL_1191198, EPI_ISL_1191200, EPI_ISL_1191201, EPI_ISL_1191202, EPI_ISL_1191203, EPI_ISL_1191204, EPI_ISL_1191205, EPI_ISL_1191206, EPI_ISL_1191207, EPI_ISL_1191208, EPI_ISL_1191209, EPI_ISL_1191210, EPI_ISL_1191211, EPI_ISL_1191213, EPI_ISL_1191214, EPI_ISL_1191215, EPI_ISL_1191216, EPI_ISL_1191217, EPI_ISL_1191218, EPI_ISL_1191219, EPI_ISL_1191220, EPI_ISL_1191222, EPI_ISL_1191223, EPI_ISL_1191225, EPI_ISL_1191226, EPI_ISL_1191227, EPI_ISL_1191228, EPI_ISL_1191229, EPI_ISL_1191230, EPI_ISL_1191231, EPI_ISL_1191232, EPI_ISL_1191233, EPI_ISL_1191234, EPI_ISL_1191235, EPI_ISL_1191236, EPI_ISL_1191240, EPI_ISL_1191241, EPI_ISL_1191242, EPI_ISL_1191243, EPI_ISL_1191247, EPI_ISL_1191248, EPI_ISL_1191250, EPI_ISL_1191251, EPI_ISL_1191252, EPI_ISL_1191253, EPI_ISL_1191254, EPI_ISL_1191255, EPI_ISL_1191256, EPI_ISL_1191257, EPI_ISL_1191258, EPI_ISL_1191259, EPI_ISL_1191260, EPI_ISL_1191261, EPI_ISL_1191262, EPI_ISL_1191263, EPI_ISL_1191264, EPI_ISL_1191316, EPI_ISL_1191317, EPI_ISL_1191385, EPI_ISL_1191386, EPI_ISL_1191387, EPI_ISL_1191388, EPI_ISL_1191389, EPI_ISL_1191391, EPI_ISL_1191392, EPI_ISL_1191393, EPI_ISL_1191394, EPI_ISL_1191399, EPI_ISL_1191400, EPI_ISL_1191401, EPI_ISL_1191402, EPI_ISL_1191403, EPI_ISL_1191404, EPI_ISL_1191405, EPI_ISL_1191406, EPI_ISL_1191407, EPI_ISL_1191408, EPI_ISL_1191409, EPI_ISL_1191410, EPI_ISL_1191411, EPI_ISL_1191412, EPI_ISL_1191413, EPI_ISL_1191414, EPI_ISL_1191415, EPI_ISL_1191416, EPI_ISL_1191417, EPI_ISL_1191418, EPI_ISL_1191419, EPI_ISL_1191420, EPI_ISL_1191421, EPI_ISL_1191422, EPI_ISL_1191423, EPI_ISL_1191424, EPI_ISL_1191425, EPI_ISL_1191426, EPI_ISL_1191427, EPI_ISL_1191428, EPI_ISL_1191429, EPI_ISL_1191430, EPI_ISL_1191431, EPI_ISL_1191432, EPI_ISL_1191434, EPI_ISL_1191435, EPI_ISL_1191436			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1191531, EPI_ISL_1191532, EPI_ISL_1191533, EPI_ISL_1191538, EPI_ISL_1191543, EPI_ISL_1191548	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1191642, EPI_ISL_1191674	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_1191675	MEDIPOLE SAVOIE	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_1191701	CHU ST 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_1191759, EPI_ISL_1191760, EPI_ISL_1191761, EPI_ISL_1191762, EPI_ISL_1191763, EPI_ISL_1191779	Laboratory of virology and molecular diagnostics	Laboratory of virology and molecular diagnostics	Kuzmanovska Maja, Boshevskia Golubinka, Janchevska Elizabeta
EPI_ISL_1192167	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1192177, EPI_ISL_1192198	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, 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_1192202, EPI_ISL_1192203	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1192219, EPI_ISL_1192220, EPI_ISL_1192221, EPI_ISL_1192223	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, 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_1193445, EPI_ISL_1193450, EPI_ISL_1193451, EPI_ISL_1193453	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1194609	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Céline Maschietto; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1195244	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	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, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1195390, EPI_ISL_1195391	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clnial Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1195722, EPI_ISL_1195724, EPI_ISL_1195725	University Hospital Centre Split	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1196484, EPI_ISL_1196485, EPI_ISL_1196486, EPI_ISL_1196487, EPI_ISL_1196489, EPI_ISL_1196490, EPI_ISL_1196491, EPI_ISL_1196492, EPI_ISL_1196493, EPI_ISL_1196494, EPI_ISL_1196495, EPI_ISL_1196496, EPI_ISL_1196497, EPI_ISL_1196498, EPI_ISL_1196499, EPI_ISL_1196500, EPI_ISL_1196501, EPI_ISL_1196502, EPI_ISL_1196503, EPI_ISL_1196504, EPI_ISL_1196506, EPI_ISL_1196507, EPI_ISL_1196508, EPI_ISL_1196509, EPI_ISL_1196510, EPI_ISL_1196511, EPI_ISL_1196512, EPI_ISL_1196513, EPI_ISL_1196514, EPI_ISL_1196515, EPI_ISL_1196516, EPI_ISL_1196517, EPI_ISL_1196518, EPI_ISL_1196519, EPI_ISL_1196520, EPI_ISL_1196521, EPI_ISL_1196522, EPI_ISL_1196523, EPI_ISL_1196526, EPI_ISL_1196527, EPI_ISL_1196528, EPI_ISL_1196546, EPI_ISL_1196800, EPI_ISL_1196809, EPI_ISL_1196812, EPI_ISL_1196813, EPI_ISL_1196815, EPI_ISL_1196821, EPI_ISL_1196822, EPI_ISL_1196825, EPI_ISL_1196829, EPI_ISL_1196830, EPI_ISL_1196836, EPI_ISL_1196841, EPI_ISL_1196844, EPI_ISL_1196845, EPI_ISL_1196848, EPI_ISL_1196851, EPI_ISL_1196853, EPI_ISL_1196858, EPI_ISL_1196860			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1197055	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197059	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1198795	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; U.O.S.D. Laboratorio Analisi Distretto 4 Ovest AULSS 9 Scaligera, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Maria Pompilia Visconti, Rosa Sforza, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_1198848	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1200906	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201002	Teaching Institute of Public Health of Split-Dalmatia County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201021, EPI_ISL_1201022	University Hospital Centre Split	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1201549, EPI_ISL_1201551	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_1201618, EPI_ISL_1201622, EPI_ISL_1201625, EPI_ISL_1201629, EPI_ISL_1201630	Regionalne Centrum Kwiadowstwa i Kwiolecznictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa SARS-CoV-2	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_1201666, EPI_ISL_1201667	RCKiK	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_1201698, EPI_ISL_1201699, EPI_ISL_1201700, EPI_ISL_1201702, EPI_ISL_1201703, EPI_ISL_1201704, EPI_ISL_1201705, EPI_ISL_1201706	UCK	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_1201768, EPI_ISL_1201769, EPI_ISL_1201770, EPI_ISL_1201771, EPI_ISL_1201776, EPI_ISL_1201777, EPI_ISL_1201778	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_1203832	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Sanderson B, Srivastava A, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M	
EPI_ISL_1206056, EPI_ISL_1206078, EPI_ISL_1206084, EPI_ISL_1206096, EPI_ISL_1206108, EPI_ISL_1206111, EPI_ISL_1206114, EPI_ISL_1206185, EPI_ISL_1206199, EPI_ISL_1206201, EPI_ISL_1206206, EPI_ISL_1206218, EPI_ISL_1206228, EPI_ISL_1206252, EPI_ISL_1206399, EPI_ISL_1206486	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_1206525, EPI_ISL_1206542, EPI_ISL_1206602, EPI_ISL_1206707, EPI_ISL_1206738, EPI_ISL_1206757, EPI_ISL_1206764, EPI_ISL_1207025, EPI_ISL_1207587, EPI_ISL_1207704	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_1208144	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_1208487, EPI_ISL_1208492, EPI_ISL_1208523, EPI_ISL_1208536, EPI_ISL_1208567, EPI_ISL_1208569, EPI_ISL_1208775, EPI_ISL_1208778, EPI_ISL_1208790, EPI_ISL_1208799, EPI_ISL_1208801, EPI_ISL_1208817, EPI_ISL_1208821, EPI_ISL_1208829, EPI_ISL_1208848	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_1209268	Institute of Legal Medicine, Medical University of Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Fabian Amman, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler	
EPI_ISL_1209386	CHU LILLE	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire	
EPI_ISL_1210528	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 Vlaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc	
EPI_ISL_1210685, EPI_ISL_1210690, EPI_ISL_1210691, EPI_ISL_1210694, EPI_ISL_1210698, EPI_ISL_1210702, EPI_ISL_1210703, EPI_ISL_1210707	MVZ Labor Krone GbR	Robert Koch Institute	unknown	
EPI_ISL_1210797	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown	
EPI_ISL_1210815	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown	
EPI_ISL_1210837	SYNLAB MVZ Dachau	Robert Koch Institute	unknown	
EPI_ISL_1210865, EPI_ISL_1211028	SYNLAB MVZ Weiden	Robert Koch Institute	unknown	
EPI_ISL_1211109, EPI_ISL_1211155, EPI_ISL_1211159, EPI_ISL_1211240, EPI_ISL_1211336	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown	
EPI_ISL_1211889	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown	
EPI_ISL_1212051	IMD - Labor Oderland	Robert Koch Institute	unknown	
EPI_ISL_1212512, EPI_ISL_1212674	Labor 28 MVZ GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212706, EPI_ISL_1212786, EPI_ISL_1212800	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212885	MVZ Labor Krone GbR	Robert Koch Institute	unknown	
EPI_ISL_1212955, EPI_ISL_1212956, EPI_ISL_1213011	amedes Göttingen	Robert Koch Institute	unknown	
EPI_ISL_1213020	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1213079	amedes Göttingen	Robert Koch Institute	unknown	
EPI_ISL_1214241, EPI_ISL_1214428, EPI_ISL_1215196	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, M ^a Fe Brezmes-Valdivieso, Gregoria Megias Lobón, Maria Antonia Garcia Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose María Eiros Bouza	
EPI_ISL_1215597, EPI_ISL_1215599, EPI_ISL_1215602	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown	
EPI_ISL_1215617, EPI_ISL_1215642	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown	
EPI_ISL_1215679	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1216341	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_1216894, EPI_ISL_1216907, EPI_ISL_1216970	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown	
EPI_ISL_1217028	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown	
EPI_ISL_1217364	IMD - Labor Oderland	Robert Koch Institute	unknown	
EPI_ISL_1217406	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown	
EPI_ISL_1218001	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown	
EPI_ISL_1218734, EPI_ISL_1218746, EPI_ISL_1218749, EPI_ISL_1218813, EPI_ISL_1218816, EPI_ISL_1218817, EPI_ISL_1218819, EPI_ISL_1218820, EPI_ISL_1218821, EPI_ISL_1218827, EPI_ISL_1218828, EPI_ISL_1218831, EPI_ISL_1218833, EPI_ISL_1218834, EPI_ISL_1218837, EPI_ISL_1218841, EPI_ISL_1218842,				

EPI_ISL_1218846, EPI_ISL_1218847, EPI_ISL_1218848			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219351	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 Klovin
EPI_ISL_1219377	BIOR	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, Irena Meister, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovin
EPI_ISL_1219561	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 Ansons, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovin
EPI_ISL_1219756, EPI_ISL_1219766, EPI_ISL_1219771, EPI_ISL_1219779, EPI_ISL_1219781	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_1219938	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_1220198	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_1220210, EPI_ISL_1220243, EPI_ISL_1220263	BIOMNIS 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_1220323	GH BORDEAUX	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_1220889, EPI_ISL_1220892	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 Olenraite, Mindaugas Stokus, Laimonas Griskevicius
EPI_ISL_1223165, EPI_ISL_1223175, EPI_ISL_1223177, EPI_ISL_1223180, EPI_ISL_1223196, EPI_ISL_1223203, EPI_ISL_1223205, EPI_ISL_1223208, EPI_ISL_1223243, EPI_ISL_1223244, EPI_ISL_1223250, EPI_ISL_1223252, EPI_ISL_1223303, EPI_ISL_1223304, EPI_ISL_1223307, EPI_ISL_1223309, EPI_ISL_1223310, EPI_ISL_1223315, EPI_ISL_1223324, EPI_ISL_1223331, EPI_ISL_1223353, EPI_ISL_1223374, EPI_ISL_1223375, EPI_ISL_1223388, EPI_ISL_1223389, EPI_ISL_1223414, EPI_ISL_1223418, EPI_ISL_1224542, EPI_ISL_1224663			
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_1224909	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Mihaela Lazar
EPI_ISL_1224957	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_1225594	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, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1225600, EPI_ISL_1225604, EPI_ISL_1225611, EPI_ISL_1225625, EPI_ISL_1225626, EPI_ISL_1225627, EPI_ISL_1225628	Tempus	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, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1225662	Yale Pathology 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, Jianhui Wang, Chen Liu, Pei Hui, Nathan Grubaugh
EPI_ISL_1225667, EPI_ISL_1225675, EPI_ISL_1225676	Tempus	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, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1225686, EPI_ISL_1225694	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, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1225695, EPI_ISL_1225707, EPI_ISL_1225720	Tempus	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, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1225722	Connecticut DPH	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, Anthony Muyombwe, Randy Downing, Jafar Razeq, Stephen M. Bart, Nathan Grubaugh
EPI_ISL_1226556, EPI_ISL_1226571, EPI_ISL_1226572	BIO-REFERENCE 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_1226581, EPI_ISL_1226582	NYC Pandemic Response Lab	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_1226583	BIO-REFERENCE 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_1226626	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, Erica Lasek-Nesselquist
EPI_ISL_1226645	BIO-REFERENCE 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_1226649	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, Erica Lasek-Nesselquist
EPI_ISL_1226654	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_1226666	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, Erica Lasek-Nesselquist
EPI_ISL_1226669, EPI_ISL_1226932	BIO-REFERENCE 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_1231583, EPI_ISL_1231584, EPI_ISL_1231586, EPI_ISL_1231587, EPI_ISL_1231588, EPI_ISL_1231592, EPI_ISL_1231597, EPI_ISL_1231680, EPI_ISL_1231681, EPI_ISL_1231683, EPI_ISL_1231684, EPI_ISL_1231716, EPI_ISL_1231717, EPI_ISL_1231718, EPI_ISL_1231720, EPI_ISL_1231740			
see above	National Center for Infectious and Parasitic Diseases (NCIPD)	National Center for Infectious and Parasitic Diseases (NCIPD)	Alexiev et al
EPI_ISL_1231933	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_1232472, EPI_ISL_1232872	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 Schnitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1233338	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1234441	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Břejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáček, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek

EPI_ISL_1237456, EPI_ISL_1237490, EPI_ISL_1237505	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_1239541	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_1239542	WSSE Kielce	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_1239566	WSSE Katowice	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_1239573	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_1239585	WSSE w Warszawie	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_1239613	WSSE Rzeszów LDM	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_1239632, EPI_ISL_1239633, EPI_ISL_1239634, EPI_ISL_1239635, EPI_ISL_1239636, EPI_ISL_1239637	WSSE Olsztyn	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_1239678	WSSE Kielce	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_1239685, EPI_ISL_1239686, EPI_ISL_1239694	WSSE Rzeszów LDM	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_1240231, EPI_ISL_1240305	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_1240820	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1242284, EPI_ISL_1242336, EPI_ISL_1242374, EPI_ISL_1242387, EPI_ISL_1242392, EPI_ISL_1242399, EPI_ISL_1242434, EPI_ISL_1242435, EPI_ISL_1242439, EPI_ISL_1242444, EPI_ISL_1242446, EPI_ISL_1242449, EPI_ISL_1242452, EPI_ISL_1242460, EPI_ISL_1242491, EPI_ISL_1242532, EPI_ISL_1242540, EPI_ISL_1242542, EPI_ISL_1242544, EPI_ISL_1243435, EPI_ISL_1243437, EPI_ISL_1243453, EPI_ISL_1243461, EPI_ISL_1243468, EPI_ISL_1243469, EPI_ISL_1243473, EPI_ISL_1243475, EPI_ISL_1243481, EPI_ISL_1243485, EPI_ISL_1243489, EPI_ISL_1243492, EPI_ISL_1243501, EPI_ISL_1243503, EPI_ISL_1243505, EPI_ISL_1243506, EPI_ISL_1243515, EPI_ISL_1243528, EPI_ISL_1243529, EPI_ISL_1243533, EPI_ISL_1243539, EPI_ISL_1243543, EPI_ISL_1243551, EPI_ISL_1243555, EPI_ISL_1243556, EPI_ISL_1243562, EPI_ISL_1243577, EPI_ISL_1243579, EPI_ISL_1243581, EPI_ISL_1243604		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	
see above	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1244867, EPI_ISL_1244886, EPI_ISL_1244894, EPI_ISL_1244898, EPI_ISL_1244906, EPI_ISL_1244912, EPI_ISL_1244921, EPI_ISL_1244933, EPI_ISL_1244954, EPI_ISL_1244961, EPI_ISL_1244995			
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_1246692	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_1247386, EPI_ISL_1247391, EPI_ISL_1247394	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_1247445, EPI_ISL_1247446, EPI_ISL_1247452, EPI_ISL_1247490, EPI_ISL_1247527, EPI_ISL_1247528	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_1247662	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1247698, EPI_ISL_1247700, EPI_ISL_1247727, EPI_ISL_1247738	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_1247844, EPI_ISL_1247853, EPI_ISL_1247870	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_1247990	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_1248578	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_1248863, EPI_ISL_1248864, EPI_ISL_1248865	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_1249007, EPI_ISL_1249018, EPI_ISL_1249020	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_1249147, EPI_ISL_1249154, EPI_ISL_1249156, EPI_ISL_1249159, EPI_ISL_1249160, EPI_ISL_1249162	Oxford Viromics, NDM, University of Oxford: Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1249273, EPI_ISL_1249276, EPI_ISL_1249277, EPI_ISL_1249278,	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,

EPI_ISL_1249279, EPI_ISL_1249280, EPI_ISL_1249281, EPI_ISL_1249283			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_1249452, EPI_ISL_1249455, EPI_ISL_1249457, EPI_ISL_1249460, EPI_ISL_1249463	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungulovski G. et al.	
EPI_ISL_1249988	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.	
EPI_ISL_1250230, EPI_ISL_1250231, EPI_ISL_1250232, EPI_ISL_1250233, EPI_ISL_1250234, EPI_ISL_1250236, EPI_ISL_1250241	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_1250588	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_1250617, EPI_ISL_1250621, EPI_ISL_1250632	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Centre Hospitalier Universitaire de Rouen Laboratoire de Virologie	Alice Moisan, Fabienne De Oliveira, Marie Leoz	
EPI_ISL_1250650, EPI_ISL_1250651	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_1251239	SC (UCO) Igiene e Sanità Pubblica	ARGO Laboratorio Genomica ed Epigenomica	Licastro D, Dal Monego S, Degasperi M, D'Agaro P, Lombardo F	
EPI_ISL_1252040, EPI_ISL_1252041	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_1252043, EPI_ISL_1252049	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_1256395, EPI_ISL_1256417, EPI_ISL_1256442, EPI_ISL_1256447	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_1257200	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_1257915	MB-Cadham Provincial laboratory	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Paul Van Caeselele, Jared Bullard, David Alexander, Kerry Dust, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team	
EPI_ISL_1260846, EPI_ISL_1260850, EPI_ISL_1260851	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Ferrante Rossella, Mandatori Domitilla, De Fabritiis Simone, Damiani Verena, Anaclerio Federico	
EPI_ISL_1261164, EPI_ISL_1261165, EPI_ISL_1261171, EPI_ISL_1261249, EPI_ISL_1261260, EPI_ISL_1261261, EPI_ISL_1261262, EPI_ISL_1261263, EPI_ISL_1261264, EPI_ISL_1261355, EPI_ISL_1261356, EPI_ISL_1261357, EPI_ISL_1261358, EPI_ISL_1261359, EPI_ISL_1261360, EPI_ISL_1261361, EPI_ISL_1261363	see above	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1262066	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonis,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blazquez, A.	
EPI_ISL_1262072, EPI_ISL_1262074	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Sandonis,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blazquez, A.	
EPI_ISL_1262103	HOSPITAL UNIVERSITARIO INSULAR DE GRAN CANARIA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Del Rosario, C.	
EPI_ISL_1262112	HOSPITAL UNIVERSITARIO DE CEUTA	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonis,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Hijano, S.	
EPI_ISL_1262489	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith	
EPI_ISL_1265017, EPI_ISL_1265019, EPI_ISL_1265022, EPI_ISL_1265023, EPI_ISL_1265024, EPI_ISL_1265027, EPI_ISL_1265030, EPI_ISL_1265032, EPI_ISL_1265036, EPI_ISL_1265039, EPI_ISL_1265043, EPI_ISL_1265044, EPI_ISL_1265045, EPI_ISL_1265046, EPI_ISL_1265047, EPI_ISL_1265048, EPI_ISL_1265051, EPI_ISL_1265053, EPI_ISL_1265054, EPI_ISL_1265056, EPI_ISL_1265057, EPI_ISL_1265061, EPI_ISL_1265065, EPI_ISL_1265073, EPI_ISL_1265076, EPI_ISL_1265077, EPI_ISL_1265080, EPI_ISL_1265082, EPI_ISL_1265083, EPI_ISL_1265086, EPI_ISL_1265089, EPI_ISL_1265093, EPI_ISL_1265094, EPI_ISL_1265095, EPI_ISL_1265097, EPI_ISL_1265098, EPI_ISL_1265100, EPI_ISL_1265101, EPI_ISL_1265104, EPI_ISL_1265105, EPI_ISL_1265106, EPI_ISL_1265108, EPI_ISL_1265110, EPI_ISL_1265113, EPI_ISL_1265115, EPI_ISL_1265116, EPI_ISL_1265118, EPI_ISL_1265119, EPI_ISL_1265121, EPI_ISL_1265123, EPI_ISL_1265126, EPI_ISL_1265129, EPI_ISL_1265130, EPI_ISL_1265131, EPI_ISL_1265136, EPI_ISL_1265139, EPI_ISL_1265140	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_1265267, EPI_ISL_1265277, EPI_ISL_1265279	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_1265640	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani	
EPI_ISL_1265795	SELAS BIOLAB AVENIR - CLINIQUE PASTEUR	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_1271991	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1272014	University Hospital Centre Zagreb	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1272029, EPI_ISL_1272033	Public Health Institute of Zagreb County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1272330	NS-QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team	
EPI_ISL_1272434, EPI_ISL_1272491	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Darío García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium	
EPI_ISL_1273105, EPI_ISL_1273106, EPI_ISL_1273107	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt	
EPI_ISL_1273218, EPI_ISL_1273219, EPI_ISL_1273220, EPI_ISL_1273221, EPI_ISL_1273222, EPI_ISL_1273223, EPI_ISL_1273224, EPI_ISL_1273225	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium	
EPI_ISL_1273815, EPI_ISL_1273816, EPI_ISL_1273817	Regionalne Centrum Krwiodawstwa i Krwiolecznictwa w Biaymstoku Pracownia Diagnostyki Molekularnej wirusa	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_1273821	SARS-CoV-2 RCKIK	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_1273823	UCK	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_1273836	WSSE Olsztyn	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_1275572, EPI_ISL_1275622, EPI_ISL_1275689, EPI_ISL_1275699, EPI_ISL_1275718, EPI_ISL_1275868, EPI_ISL_1275935, EPI_ISL_1275949, EPI_ISL_1276010, EPI_ISL_1276928, EPI_ISL_1276943, EPI_ISL_1276950, EPI_ISL_1276964, EPI_ISL_1276967, EPI_ISL_1276986, EPI_ISL_1276991, EPI_ISL_1277014, EPI_ISL_1277018, EPI_ISL_1277065, EPI_ISL_1277067, EPI_ISL_1277072, EPI_ISL_1277094, EPI_ISL_1277102, EPI_ISL_1277134, EPI_ISL_1277174			
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 Silittle on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1278131, EPI_ISL_1278132, EPI_ISL_1278133, EPI_ISL_1278134, EPI_ISL_1278135, EPI_ISL_1278136, EPI_ISL_1278137, EPI_ISL_1278138, EPI_ISL_1278139, EPI_ISL_1278140, EPI_ISL_1278141, EPI_ISL_1278142, EPI_ISL_1278143, EPI_ISL_1278144, EPI_ISL_1278145, EPI_ISL_1278146, EPI_ISL_1278147, EPI_ISL_1278148, EPI_ISL_1278149, EPI_ISL_1278150, EPI_ISL_1278151, EPI_ISL_1278152, EPI_ISL_1278153, EPI_ISL_1278154, EPI_ISL_1278155, EPI_ISL_1278156, EPI_ISL_1278157, EPI_ISL_1278158, EPI_ISL_1278159, EPI_ISL_1278160, EPI_ISL_1278161, EPI_ISL_1278162, EPI_ISL_1278163, EPI_ISL_1278164, EPI_ISL_1278165, EPI_ISL_1278166, EPI_ISL_1278167, EPI_ISL_1278168, EPI_ISL_1278169			
see above	NL-Dr. Leonard A. Miller Centre for Health Services	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Nathalie Knox, Morag Graham, Gary Van Domselaar, Robert Needle, Yang Yu, Adel Malek, Laura Gilbert, George Zahariadis, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, Kerri Smith, CanCOGEN's metadata curation team, Public Health Agency of Canada CanCOGEN team
EPI_ISL_1278303, EPI_ISL_1278312, EPI_ISL_1278313, EPI_ISL_1278316, EPI_ISL_1278317, EPI_ISL_1278331, EPI_ISL_1278333, EPI_ISL_1278337	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo, Marta Hernandez, David Abad, Marta Dominguez-Gil, Silvia Rojo, Laura Sánchez de Prada, Sonsoles Garcinuño Pérez, Carmen Aldea-Mansilla, M ⁸ Fe Brezmes-Valdivieso, Gregoria Megias Lobón, María Antonia García Castro, Carmen Gimeno Crespo, Noelia Arenal Andrés, Carlos Fuster Foz, M. Isabel Fernandez-Natal, Jose Maria Eiros Bouza
EPI_ISL_1278391, EPI_ISL_1278399, EPI_ISL_1278404, EPI_ISL_1278407, EPI_ISL_1278412, EPI_ISL_1278419, EPI_ISL_1278424, EPI_ISL_1278440, EPI_ISL_1278453, EPI_ISL_1278480, EPI_ISL_1278517, EPI_ISL_1278538, EPI_ISL_1278579, EPI_ISL_1278580, EPI_ISL_1278581, EPI_ISL_1278582, EPI_ISL_1278583, EPI_ISL_1278584, EPI_ISL_1278585, EPI_ISL_1278586, EPI_ISL_1278594, EPI_ISL_1278595, EPI_ISL_1278596, EPI_ISL_1278609, EPI_ISL_1278614, EPI_ISL_1278616, EPI_ISL_1278623, EPI_ISL_1278624, EPI_ISL_1278690, EPI_ISL_1278691, EPI_ISL_1278696, EPI_ISL_1278697, EPI_ISL_1278698, EPI_ISL_1278699, EPI_ISL_1278707, EPI_ISL_1278717, EPI_ISL_1278718, EPI_ISL_1278719, EPI_ISL_1278720, EPI_ISL_1278721, EPI_ISL_1278722, EPI_ISL_1278729, EPI_ISL_1278730, EPI_ISL_1278731, EPI_ISL_1278732, EPI_ISL_1278736, EPI_ISL_1278737, EPI_ISL_1278818, EPI_ISL_1278864, EPI_ISL_1278867, EPI_ISL_1278878, EPI_ISL_1278880			
see above	Clalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1280621	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1284749	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1287762, EPI_ISL_1287763	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukaddia, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Gajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1287791, EPI_ISL_1287805, EPI_ISL_1287878, EPI_ISL_1287883, EPI_ISL_1287885, EPI_ISL_1288096, EPI_ISL_1288105, EPI_ISL_1288107, EPI_ISL_1288113, EPI_ISL_1288114, EPI_ISL_1288117, EPI_ISL_1288542, EPI_ISL_1288556, EPI_ISL_1288629, EPI_ISL_1288634, EPI_ISL_1288636, EPI_ISL_1289112, EPI_ISL_1289119, EPI_ISL_1289123, EPI_ISL_1289126, EPI_ISL_1289128, EPI_ISL_1289130, EPI_ISL_1289133, EPI_ISL_1289172, EPI_ISL_1289173			
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EPI_ISL_1289961, EPI_ISL_1289982, EPI_ISL_1289987, EPI_ISL_1289989, EPI_ISL_1289993, EPI_ISL_1289997, EPI_ISL_1290018, EPI_ISL_1290021, EPI_ISL_1290022, EPI_ISL_1290025, EPI_ISL_1290030, EPI_ISL_1290076, EPI_ISL_1290084, EPI_ISL_1290103, EPI_ISL_1290139, EPI_ISL_1290140, EPI_ISL_1290141, EPI_ISL_1290142, EPI_ISL_1290143, EPI_ISL_1290144, EPI_ISL_1290145, EPI_ISL_1290216, EPI_ISL_1290217, EPI_ISL_1290218, EPI_ISL_1290219, EPI_ISL_1290220, EPI_ISL_1290221, EPI_ISL_1290222, EPI_ISL_1290224, EPI_ISL_1290225, EPI_ISL_1290226, EPI_ISL_1290227, EPI_ISL_1290228, EPI_ISL_1290229, EPI_ISL_1290230, EPI_ISL_1290231, EPI_ISL_1290232, EPI_ISL_1290233, EPI_ISL_1290234, EPI_ISL_1290235, EPI_ISL_1290236, EPI_ISL_1290237, EPI_ISL_1290238, EPI_ISL_1290239, EPI_ISL_1290240, EPI_ISL_1290241, EPI_ISL_1290242, EPI_ISL_1290243, EPI_ISL_1290244, EPI_ISL_1290245, EPI_ISL_1290246, EPI_ISL_1290310, EPI_ISL_1290311, EPI_ISL_1290312, EPI_ISL_1290313, EPI_ISL_1290314, EPI_ISL_1290315, EPI_ISL_1290316, EPI_ISL_1290317, EPI_ISL_1290318, EPI_ISL_1290319, EPI_ISL_1290320, EPI_ISL_1290321, EPI_ISL_1290322, EPI_ISL_1290323, EPI_ISL_1290324, EPI_ISL_1290325, EPI_ISL_1290326, EPI_ISL_1290327, EPI_ISL_1290328, EPI_ISL_1290329, EPI_ISL_1290330, EPI_ISL_1290331, EPI_ISL_1290332, EPI_ISL_1290333, EPI_ISL_1290334, EPI_ISL_1290335, EPI_ISL_1290336, EPI_ISL_1290337, EPI_ISL_1290338, EPI_ISL_1290339, EPI_ISL_1290340, EPI_ISL_1290341, EPI_ISL_1290342, EPI_ISL_1290343, EPI_ISL_1290344, EPI_ISL_1290461, EPI_ISL_1290462, EPI_ISL_1290483, EPI_ISL_1290491, EPI_ISL_1290494, EPI_ISL_1290528, EPI_ISL_1290575, EPI_ISL_1290578			
see above	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_1290846	BIOMNIS 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_1291207, EPI_ISL_1291208, EPI_ISL_1291209, EPI_ISL_1291210, EPI_ISL_1291211, EPI_ISL_1291212, EPI_ISL_1291214, EPI_ISL_1291215, EPI_ISL_1291216, EPI_ISL_1291261, EPI_ISL_1291265, EPI_ISL_1291267, EPI_ISL_1291268, EPI_ISL_1291269, EPI_ISL_1291271, EPI_ISL_1291272, EPI_ISL_1291277, EPI_ISL_1291281, EPI_ISL_1291282, EPI_ISL_1291283, EPI_ISL_1291296, EPI_ISL_1291297, EPI_ISL_1291298, EPI_ISL_1291299			
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EPI_ISL_1291378, EPI_ISL_1291388, EPI_ISL_1291391, EPI_ISL_1291392, EPI_ISL_1291393, EPI_ISL_1291394, EPI_ISL_1291396, EPI_ISL_1291397, EPI_ISL_1291398, EPI_ISL_1291401, EPI_ISL_1291402, EPI_ISL_1291403, EPI_ISL_1291404, EPI_ISL_1291405, EPI_ISL_1291406, EPI_ISL_1291407, EPI_ISL_1291408, EPI_ISL_1291409, EPI_ISL_1291410, EPI_ISL_1291411, EPI_ISL_1291413, EPI_ISL_1291414, EPI_ISL_1291418, EPI_ISL_1291419, EPI_ISL_1291421, EPI_ISL_1291423, EPI_ISL_1291424, EPI_ISL_1291426, EPI_ISL_1291427, EPI_ISL_1291428, EPI_ISL_1291429, EPI_ISL_1291431, EPI_ISL_1291432, EPI_ISL_1291433, EPI_ISL_1291435, EPI_ISL_1291436, EPI_ISL_1291437, EPI_ISL_1291439, EPI_ISL_1291440, EPI_ISL_1291441, EPI_ISL_1291442, EPI_ISL_1291443, EPI_ISL_1291445, EPI_ISL_1291452, EPI_ISL_1291453, EPI_ISL_1291454, EPI_ISL_1291480, EPI_ISL_1291482, EPI_ISL_1291541, EPI_ISL_1291558, EPI_ISL_1291559, EPI_ISL_1291572, EPI_ISL_1291581			
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EPI_ISL_1291753, EPI_ISL_1291754	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1292850, EPI_ISL_1292855	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_1292986	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallory Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica

EPI_ISL_1296257, EPI_ISL_1296260	Laboratorio Analisi Osp. Città di Castello - Azienda USL Umbria1	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Rothman, Marie L. Landry, Nathan Grubaugh	
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EPI_ISL_1298232, EPI_ISL_1298233, EPI_ISL_1298240, EPI_ISL_1298243, EPI_ISL_1298245	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani 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. Lachawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1298247, EPI_ISL_1298248, EPI_ISL_1298249, EPI_ISL_1298250, EPI_ISL_1298252, EPI_ISL_1298326, EPI_ISL_1298327, EPI_ISL_1298328, EPI_ISL_1298329, EPI_ISL_1298330	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani 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_1300011, EPI_ISL_1300012, EPI_ISL_1300013, EPI_ISL_1300014, EPI_ISL_1300015, EPI_ISL_1300016, EPI_ISL_1300017, EPI_ISL_1300018, EPI_ISL_1300019, EPI_ISL_1300020, EPI_ISL_1300021, EPI_ISL_1300022, EPI_ISL_1300023, EPI_ISL_1300024, EPI_ISL_1300025, EPI_ISL_1300026, EPI_ISL_1300027	see above	OKMI FN Brno	CEITEC MU	
EPI_ISL_1300544, EPI_ISL_1300545	Utah Public Health Laboratory	Utah Public Health Laboratory	Zdravilova Dubska L., Dolejska M., Pardy F., Machackova T., Bystry V., Deissova T.	
EPI_ISL_1302002, EPI_ISL_1302003	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Erin L. Young, Kelly F. Oakeson, Tara Gallagher	
EPI_ISL_1302454	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, Astra Vitkauskiene, Renaldas Jurkevicius	
EPI_ISL_1302685	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas	
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EPI_ISL_1308014, EPI_ISL_1308015, EPI_ISL_1308016, EPI_ISL_1308017, EPI_ISL_1308018, EPI_ISL_1308019, EPI_ISL_1308020, EPI_ISL_1308021, EPI_ISL_1308022, EPI_ISL_1308026, EPI_ISL_1308027, EPI_ISL_1308028, EPI_ISL_1308029, EPI_ISL_1308030, EPI_ISL_1308031, EPI_ISL_1308032, EPI_ISL_1308036, EPI_ISL_1308037, EPI_ISL_1308038, EPI_ISL_1308039, EPI_ISL_1308040, EPI_ISL_1308041, EPI_ISL_1308042, EPI_ISL_1308043, EPI_ISL_1308044, EPI_ISL_1308048, EPI_ISL_1308049, EPI_ISL_1308050, EPI_ISL_1308051, EPI_ISL_1308056, EPI_ISL_1308057, EPI_ISL_1308058, EPI_ISL_1308059, EPI_ISL_1308060, EPI_ISL_1308061, EPI_ISL_1308062, EPI_ISL_1308063, EPI_ISL_1308064, EPI_ISL_1308067, EPI_ISL_1308068, EPI_ISL_1308069, EPI_ISL_1308070, EPI_ISL_1308071, EPI_ISL_1308072, EPI_ISL_1308073, EPI_ISL_1308074, EPI_ISL_1308075, EPI_ISL_1308079, EPI_ISL_1308080, EPI_ISL_1308081, EPI_ISL_1308082, EPI_ISL_1308083, EPI_ISL_1308084, EPI_ISL_1308085, EPI_ISL_1308089, EPI_ISL_1308090, EPI_ISL_1308091, EPI_ISL_1308092, EPI_ISL_1308093, EPI_ISL_1308094, EPI_ISL_1308095, EPI_ISL_1308096, EPI_ISL_1308097	see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1308602, EPI_ISL_1308603, EPI_ISL_1308629, EPI_ISL_1308631, EPI_ISL_1308635	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_1308709, EPI_ISL_1308710, EPI_ISL_1308711, EPI_ISL_1308712, EPI_ISL_1308727, EPI_ISL_1308752, EPI_ISL_1308753, EPI_ISL_1308754, EPI_ISL_1308755, EPI_ISL_1308756, EPI_ISL_1308757, EPI_ISL_1308758, EPI_ISL_1308759, EPI_ISL_1308826	see above	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	
EPI_ISL_1308906, EPI_ISL_1308907	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole A, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Templeton K	
EPI_ISL_1309494, EPI_ISL_1309495, EPI_ISL_1309619, EPI_ISL_1309621, EPI_ISL_1309623, EPI_ISL_1309624, EPI_ISL_1309625, EPI_ISL_1309626, EPI_ISL_1309627, EPI_ISL_1309628, EPI_ISL_1309629, EPI_ISL_1309630, EPI_ISL_1309631, EPI_ISL_1309632, EPI_ISL_1309633, EPI_ISL_1309637, EPI_ISL_1309638, EPI_ISL_1309639, EPI_ISL_1309641	see above	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	
EPI_ISL_1309757, EPI_ISL_1309764, EPI_ISL_1309765, EPI_ISL_1309766, EPI_ISL_1309767, EPI_ISL_1309768, EPI_ISL_1309769, EPI_ISL_1309770, EPI_ISL_1309771, EPI_ISL_1309772, EPI_ISL_1309773, EPI_ISL_1309774, EPI_ISL_1309776, EPI_ISL_1309777	see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	
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EPI_ISL_1311859	Microvida	Microvida	Suzan D. Pas, Jaco Verweij, Joep Stöhr	
EPI_ISL_1311869, EPI_ISL_1311893, EPI_ISL_1311894	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martin, Carmen Molina Pardines and SeqCOVID-SPAIN consortium	
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EPI_ISL_1313046	GH BOURG CENTRE PRELEVEMENT	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_1314973, EPI_ISL_1314974, EPI_ISL_1314975, EPI_ISL_1314976, EPI_ISL_1314977, EPI_ISL_1315014, EPI_ISL_1315015	National Institute of Public Health	National Institute of Public Health	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy	
EPI_ISL_1317232	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_1317349, EPI_ISL_1317350	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	
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EPI_ISL_1317356	Vestfold Hospital, Toensberg Department of 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_1317357, EPI_ISL_1317358, EPI_ISL_1317359, EPI_ISL_1317360, EPI_ISL_1317361	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_1317362	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_1317363	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_1317364	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_1321372, EPI_ISL_1321373, EPI_ISL_1321374, EPI_ISL_1321375, EPI_ISL_1321376, EPI_ISL_1321377, EPI_ISL_1321378, EPI_ISL_1321379, EPI_ISL_1321407	National Institute of Public Health	National Reference Laboratory for Influenza and Respiratory Viruses CZE	Helena Jirincova, Jaromira Vecerova, Timotej Suri, Dusan Trnka, Alexander Nagy
EPI_ISL_1321693	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_1322649	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_1324069, EPI_ISL_1324095, EPI_ISL_1324096, EPI_ISL_1324098	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, 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_1324485, EPI_ISL_1324593, EPI_ISL_1324628	Anteja laboratorija (UAB Diagnostikos laboratorija)	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1333872	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_1335757	LESP Zacatecas	Instituto de diagnóstico y Referencia Epidemiologicos (INDRE) Departamento de Virologia	Claudia Wong-Arambula, Abri 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_1335909, EPI_ISL_1335915, EPI_ISL_1335980, EPI_ISL_1335983	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_1336262	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuysen, Herman Goossens
EPI_ISL_1336964, EPI_ISL_1336966, EPI_ISL_1336967, EPI_ISL_1336968, EPI_ISL_1336969, EPI_ISL_1336970, EPI_ISL_1336971, EPI_ISL_1336972, EPI_ISL_1336974, EPI_ISL_1336976, EPI_ISL_1336977, EPI_ISL_1336978, EPI_ISL_1336979, EPI_ISL_1336980, EPI_ISL_1336981, EPI_ISL_1336982, EPI_ISL_1336983, EPI_ISL_1336989, EPI_ISL_1336990, EPI_ISL_1337004, EPI_ISL_1337041, EPI_ISL_1337042, EPI_ISL_1337043, EPI_ISL_1337044, EPI_ISL_1337045, EPI_ISL_1337046, EPI_ISL_1337047, EPI_ISL_1337048, EPI_ISL_1337049, EPI_ISL_1337050, EPI_ISL_1337051, EPI_ISL_1337052, EPI_ISL_1337053, EPI_ISL_1337054, EPI_ISL_1337055, EPI_ISL_1337056, EPI_ISL_1337057, EPI_ISL_1337058, EPI_ISL_1337059, EPI_ISL_1337061, EPI_ISL_1337063, EPI_ISL_1337064, EPI_ISL_1337072, EPI_ISL_1337074, EPI_ISL_1337081, EPI_ISL_1337090, EPI_ISL_1337097, EPI_ISL_1337199, EPI_ISL_1337200, EPI_ISL_1337202, EPI_ISL_1337203, EPI_ISL_1337205			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1341026, EPI_ISL_1341034, EPI_ISL_1341035	1. Główny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Diagtron Laboratoria Lukasz Rabalski	Rabalski L., Gromowski,T., Mazur-Panasiek,N., Kowalski,M., Maciej Kosinski, Natalia Derewonko, Szulc,P., Sylwia Januszczak, Labaj,P.P., Pyrc,K.
EPI_ISL_1346652, EPI_ISL_1346654, EPI_ISL_1346671, EPI_ISL_1346678, EPI_ISL_1346680, EPI_ISL_1346687, EPI_ISL_1346688, EPI_ISL_1346692, EPI_ISL_1346704, EPI_ISL_1346713	Medical Laboratories Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Angelika Helmer;Torsten Houwaart;Lisanna Hülse;Christian Lange;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1346879, EPI_ISL_1346880, EPI_ISL_1346881, EPI_ISL_1346882, EPI_ISL_1346883, EPI_ISL_1346884, EPI_ISL_1346885, EPI_ISL_1346886, EPI_ISL_1346968	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1346989, EPI_ISL_1346990, EPI_ISL_1347104, EPI_ISL_1347106, EPI_ISL_1347108, EPI_ISL_1347109, EPI_ISL_1347110, EPI_ISL_1347112, EPI_ISL_1347117, EPI_ISL_1347119, EPI_ISL_1347124, EPI_ISL_1347138, EPI_ISL_1347149, EPI_ISL_1347151, EPI_ISL_1347152, EPI_ISL_1347171			
see above	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Patrick Finzer;Katrin Hoffmann;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann;Rainer Zotz
EPI_ISL_1348997, EPI_ISL_1357070, EPI_ISL_1357098, EPI_ISL_1357116, EPI_ISL_1357126, EPI_ISL_1357150, EPI_ISL_1357161, EPI_ISL_1357179, EPI_ISL_1357195, EPI_ISL_1357199, EPI_ISL_1357230, EPI_ISL_1357235			
see above	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1357627, EPI_ISL_1357629, EPI_ISL_1357630, EPI_ISL_1357632, EPI_ISL_1357633	Medicina practica laboratorija	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Saraukas, Marius Sukys, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1360161, EPI_ISL_1360167, EPI_ISL_1360214, EPI_ISL_1360239	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_1361538, EPI_ISL_1361547, EPI_ISL_1361548, EPI_ISL_1361549	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato (Corresponding Author), Francesca Rizzo (Corresponding Author), Alessandro Weisz (Corresponding Author), Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa,

	G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche / 9. U.O.C. di Genetica Medica e di Laboratorio A.O.R.N., Azienda Ospedaliera di Rilievo Nazionale Antonio Cardarelli, Napoli / 10. Centro di riferimento Oncologico della Basilicata (IRCCS-CROB), Rionero in Vulture (PZ) / 11. Presidio Ospedaliero di Agropoli, Agropoli (SA).		Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Semprini, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1363766	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_1363808, EPI_ISL_1363821, EPI_ISL_1363823, EPI_ISL_1363904, EPI_ISL_1363905, EPI_ISL_1363979, EPI_ISL_1363980, EPI_ISL_1363981, EPI_ISL_1363982, EPI_ISL_1363983, EPI_ISL_1363984, EPI_ISL_1363985, EPI_ISL_1363986, EPI_ISL_1363988, EPI_ISL_1363989, EPI_ISL_1363990, EPI_ISL_1363991, EPI_ISL_1363992, EPI_ISL_1364039, EPI_ISL_1364041, EPI_ISL_1364042, EPI_ISL_1364262, EPI_ISL_1364265, EPI_ISL_1364266, EPI_ISL_1364305, EPI_ISL_1364314, EPI_ISL_1364316			
see above	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_1364524	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1364936	Ortenau-Klinikum Achern	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1364950	Bundeswehrkrankenhaus Ulm	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1366298, EPI_ISL_1366307	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1367119	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1369199, EPI_ISL_1369200, EPI_ISL_1369208, EPI_ISL_1369209	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	María de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium
EPI_ISL_1369824, EPI_ISL_1369965, EPI_ISL_1369981, EPI_ISL_1369987, EPI_ISL_1369992	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_1370018	EHN	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_1370026	ICH-RIVIERA	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_1370029	EHN	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_1370031, EPI_ISL_1370202, EPI_ISL_1370204	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_1370973, EPI_ISL_1370984, EPI_ISL_1371665, EPI_ISL_1371672	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_1380813, EPI_ISL_1380814, EPI_ISL_1380854, EPI_ISL_1380856, EPI_ISL_1380857, EPI_ISL_1380858, EPI_ISL_1380860, EPI_ISL_1380861, EPI_ISL_1380870	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_1383574, EPI_ISL_1383577, EPI_ISL_1383578, EPI_ISL_1383583, EPI_ISL_1383585, EPI_ISL_1383586, EPI_ISL_1383587, EPI_ISL_1383588, EPI_ISL_1383590, EPI_ISL_1383592	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_1383884, EPI_ISL_1383885, EPI_ISL_1383886, EPI_ISL_1383887, EPI_ISL_1383889, EPI_ISL_1383890, EPI_ISL_1383895, EPI_ISL_1383896, EPI_ISL_1383897, EPI_ISL_1383898, EPI_ISL_1383900, EPI_ISL_1383902, EPI_ISL_1383903			
see above	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_1384098	Hospital Center Luxembourg	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Michel Kohnen, Jean-Hugues Francois, Tamir Abdelrahman
EPI_ISL_1386927	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_1387145, EPI_ISL_1387149, EPI_ISL_1387152, EPI_ISL_1387154, EPI_ISL_1387155, EPI_ISL_1387156	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_1387235	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_1388402, EPI_ISL_1388404	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388432, EPI_ISL_1388440	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Lukas Fenner, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388509, EPI_ISL_1388511, EPI_ISL_1388514, EPI_ISL_1388526, EPI_ISL_1388583, EPI_ISL_1388585	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Simon Fuchs, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1388588, EPI_ISL_1388592	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Lukas Fenner, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1396810	Institut Louis MalardÂ©	Department of Virology, Henri Mondor University Hospital,	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel

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EPI_ISL_1396831	CH. CHARLES NICOLLE	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_1399657	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1401115, EPI_ISL_1401116, EPI_ISL_1401117, EPI_ISL_1401118	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1404579	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1417446, EPI_ISL_1417472, EPI_ISL_1417775, EPI_ISL_1417776, EPI_ISL_1417777, EPI_ISL_1417778, EPI_ISL_1417779, EPI_ISL_1417780, EPI_ISL_1417781, EPI_ISL_1417782, EPI_ISL_1418000, EPI_ISL_1418001, EPI_ISL_1418002, EPI_ISL_1418003, EPI_ISL_1418004, EPI_ISL_1418005, EPI_ISL_1418006, EPI_ISL_1418007, EPI_ISL_1418008, EPI_ISL_1418080, EPI_ISL_1418516, EPI_ISL_1418517, EPI_ISL_1418518, EPI_ISL_1418519, EPI_ISL_1419934, EPI_ISL_1419935, EPI_ISL_1419936, EPI_ISL_1419940, EPI_ISL_1419943, EPI_ISL_1419945, EPI_ISL_1419966, EPI_ISL_1419973, EPI_ISL_1419975, EPI_ISL_1419983, EPI_ISL_1419992, EPI_ISL_1420225, EPI_ISL_1420226, EPI_ISL_1420227, EPI_ISL_1420228, EPI_ISL_1420229, EPI_ISL_1420230, EPI_ISL_1420231, EPI_ISL_1420232, EPI_ISL_1420233, EPI_ISL_1420234, EPI_ISL_1420235, EPI_ISL_1420236, EPI_ISL_1420237, EPI_ISL_1420238, EPI_ISL_1420239, EPI_ISL_1420240, EPI_ISL_1420241, EPI_ISL_1420242, EPI_ISL_1420243, EPI_ISL_1420244, EPI_ISL_1420245, EPI_ISL_1420246, EPI_ISL_1420247, EPI_ISL_1420248, EPI_ISL_1420249, EPI_ISL_1420250, EPI_ISL_1420251, EPI_ISL_1420252, EPI_ISL_1420253, EPI_ISL_1420254, EPI_ISL_1420255, EPI_ISL_1420256, EPI_ISL_1420257, EPI_ISL_1420460, EPI_ISL_1420461, EPI_ISL_1420462, EPI_ISL_1420463, EPI_ISL_1420464, EPI_ISL_1420465, EPI_ISL_1420466, EPI_ISL_1420467, EPI_ISL_1420468, EPI_ISL_1420469, EPI_ISL_1420470, EPI_ISL_1420471, EPI_ISL_1420472, EPI_ISL_1420473, EPI_ISL_1420553, EPI_ISL_1420554, EPI_ISL_1420555, EPI_ISL_1420556, EPI_ISL_1420557, EPI_ISL_1420561			
see above	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_1420857	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1424883, EPI_ISL_1424884, EPI_ISL_1424911, EPI_ISL_1424917, EPI_ISL_1424918, EPI_ISL_1424919, EPI_ISL_1424943, EPI_ISL_1424997, EPI_ISL_1424998, EPI_ISL_1425060, EPI_ISL_1425061, EPI_ISL_1425062, EPI_ISL_1425064, EPI_ISL_1425066, EPI_ISL_1425067, EPI_ISL_1425068, EPI_ISL_1425069, EPI_ISL_1425071			EPI_ISL_1424999, EPI_ISL_1425044, EPI_ISL_1425046, EPI_ISL_1425050, EPI_ISL_1425052, EPI_ISL_1425057, EPI_ISL_1425058, EPI_ISL_1425059,
see above	Cialit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425356, EPI_ISL_1425377, EPI_ISL_1425379	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_1427570, EPI_ISL_1427572	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, , Makoto Kuroda
EPI_ISL_1428607, EPI_ISL_1428608, EPI_ISL_1428609	Niigata Prefectural Institute of Public Health and Environmental Sciences	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_1429583	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Chang-Kweng Lim, Takahiro Maeki, Eri Nakayama, Motohiko Ogawa, Shigeru Tanjima, Makoto Kuroda
EPI_ISL_1433295, EPI_ISL_1433297	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1443341	VIROLOGY LABORATORY-CHU NICE	VIROLOGY LABORATORY-CHU NICE	Sebastien Vitale, Geraldine Gonfrier, Valerie Giordanengo
EPI_ISL_1446987	FL Bureau of Public Health Laboratories-Tampa	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_1447012	NC State Laboratory of Public Health	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_1447019, EPI_ISL_1447020	"PA Department of Health, Bureau of 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_1447297, EPI_ISL_1447319, EPI_ISL_1447320	National Public Health Center, COVID Laboratory	National Public Health Center, National Biosafety Laboratory	Bernadett Pályi, Zoltán Kis, Nóra Magyar, Judit Henczkó, Dániel Déri, Norbert Solymosi
EPI_ISL_1455900, EPI_ISL_1457025, EPI_ISL_1457034, EPI_ISL_1457042, EPI_ISL_1457051, EPI_ISL_1457095, EPI_ISL_1457113, EPI_ISL_1457122	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, Rianne 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_1464118, EPI_ISL_1464122, EPI_ISL_1464126, EPI_ISL_1464131, EPI_ISL_1464139, EPI_ISL_1464141, EPI_ISL_1464145, EPI_ISL_1464150, EPI_ISL_1464152, EPI_ISL_1464157, EPI_ISL_1464161, EPI_ISL_1464166, EPI_ISL_1464167, EPI_ISL_1464171, EPI_ISL_1464174, EPI_ISL_1464175, EPI_ISL_1464178, EPI_ISL_1464182, EPI_ISL_1464185, EPI_ISL_1464217			
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