

Table S4. Acknowledgement GISAID table.

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

Accession ID	Originating Laboratory	Submitting Laboratory	Authors	
EPI_ISL_1298483, EPI_ISL_1298488 EPI_ISL_1298474	Bogorodchany CRH Burshtyn CCH	The Institute of Molecular Biology and Genetics of NASU The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al. M.Tukalo et al.	
EPI_ISL_576146, EPI_ISL_576147, EPI_ISL_576148, EPI_ISL_576149	Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
EPI_ISL_4260382, EPI_ISL_4260384, EPI_ISL_4260386, EPI_ISL_4260388, EPI_ISL_4260390, EPI_ISL_4260392, EPI_ISL_4260393, EPI_ISL_4260395, EPI_ISL_4260396, EPI_ISL_4260398, EPI_ISL_4260400, EPI_ISL_4260402, EPI_ISL_4260404, EPI_ISL_4260406, EPI_ISL_4260408, EPI_ISL_4260410, EPI_ISL_4260411, EPI_ISL_4260413, EPI_ISL_4260414, EPI_ISL_4260416, EPI_ISL_4260418, EPI_ISL_4260420, EPI_ISL_4260424, EPI_ISL_4260427, EPI_ISL_4260429, EPI_ISL_4260430, EPI_ISL_4260432, EPI_ISL_4260438, EPI_ISL_4260440, EPI_ISL_4260442, EPI_ISL_4260444, EPI_ISL_4260445, EPI_ISL_4260449, EPI_ISL_4260450	Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases NAMS of Ukraine	CNR Virus des Infections Respiratoires - France SUD	Alla Mironenko; Antonin Bal; Bruno Lina; Gregory Destras; Gwendolynne Burfin; Hadrien Regue; Larysa Radchenko; Laurence Josset; Martine Valette; Natalia Teteriuk; Quentin Semanas	
see above	Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases NAMS of Ukraine			
EPI_ISL_582509	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
EPI_ISL_582510	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
EPI_ISL_582511, EPI_ISL_582512, EPI_ISL_582513, EPI_ISL_654819, EPI_ISL_654820, EPI_ISL_979970, EPI_ISL_979971, EPI_ISL_979972, EPI_ISL_979973, EPI_ISL_1121990, EPI_ISL_1121991, EPI_ISL_1121992, EPI_ISL_1122014, EPI_ISL_1315427, EPI_ISL_1315475, EPI_ISL_1315476, EPI_ISL_1315477, EPI_ISL_1315478	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
see above	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
EPI_ISL_654818	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Liudmyla Bolotova; Natalia Teteriuk	
EPI_ISL_3527830, EPI_ISL_5881144	Diagen	Diagen	Koliada O; Koliada et al	
EPI_ISL_3253254, EPI_ISL_3253255, EPI_ISL_3253256, EPI_ISL_3253257, EPI_ISL_3253258, EPI_ISL_3253259, EPI_ISL_3253260, EPI_ISL_3253261, EPI_ISL_3253262, EPI_ISL_3253263, EPI_ISL_3253264, EPI_ISL_3253265, EPI_ISL_3253266, EPI_ISL_3253267, EPI_ISL_3253268, EPI_ISL_3253269, EPI_ISL_3253270, EPI_ISL_3253271, EPI_ISL_3253272, EPI_ISL_3253273, EPI_ISL_3253274, EPI_ISL_3253275, EPI_ISL_3253276, EPI_ISL_3253277, EPI_ISL_3253278, EPI_ISL_3253279, EPI_ISL_3253280, EPI_ISL_3253282, EPI_ISL_3253283, EPI_ISL_3253284, EPI_ISL_3253285, EPI_ISL_3253286, EPI_ISL_3253287, EPI_ISL_3253288, EPI_ISL_3253289, EPI_ISL_3253290, EPI_ISL_3253291, EPI_ISL_3253292, EPI_ISL_3253293, EPI_ISL_3253294, EPI_ISL_3253295, EPI_ISL_3253296, EPI_ISL_3253297, EPI_ISL_3314947, EPI_ISL_3314948, EPI_ISL_3314949	see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer; AnneMarie van den Brandt; Annelies Kroneman; Bas van der Veer; Chantal Reusken; Dennis Schmitz; Dirk Eggink; Eunice Then; Florian Zwagemaker; Harry Vennema; Jeroen Cremer; Karim Hajji; Kim Freeriks; Lisa Wijsman; Lynn Aarts; Melissa van Tuij; Ryanne Jaarsma; Sanne Bos; Sharon van den Brink; on behalf of the national COVID-19 response team
see above				
EPI_ISL_1298476, EPI_ISL_1298477, EPI_ISL_1298481	Ivano-Frankivsk CCH#1	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_1298487 EPI_ISL_6359793	Kalush CRH Klinisch Laboratorium ZNA	The Institute of Molecular Biology and Genetics of NASU Klinisch Laboratorium ZNA	M.Tukalo et al. Verstrepren et al.	
EPI_ISL_1298475, EPI_ISL_1298478, EPI_ISL_1298479, EPI_ISL_1298485, EPI_ISL_1298486	Kosov CRH	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_5852904, EPI_ISL_5852905, EPI_ISL_5852906, EPI_ISL_5852907, EPI_ISL_5852908, EPI_ISL_5852909, EPI_ISL_5852910, EPI_ISL_5852911, EPI_ISL_5852912, EPI_ISL_5852913, EPI_ISL_5852914, EPI_ISL_5852915, EPI_ISL_5852916, EPI_ISL_5852917, EPI_ISL_5852918, EPI_ISL_5852919, EPI_ISL_5852920, EPI_ISL_5852921, EPI_ISL_5852922, EPI_ISL_5852923, EPI_ISL_5852924, EPI_ISL_5852925, EPI_ISL_5852926, EPI_ISL_5859548	see above	L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases of the NAMS of Ukraine	L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases of the NAMS of Ukraine	Alla M. Scherbinska; Anna Yakovleva; Eric Bortz; Ganna Kovalenko; Ian Goodfellow; Joel O. Wertheim; Luke Meredith; Maria G. Liulchuk; Matthew Redlinger; Tetyana I. Vasylevka; Viktoria I. Zadorozhna
EPI_ISL_1298480, EPI_ISL_1298484	Nadvirna CRH	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_512597, EPI_ISL_512598, EPI_ISL_512599, EPI_ISL_512600, EPI_ISL_512601, EPI_ISL_512602, EPI_ISL_512603, EPI_ISL_512604, EPI_ISL_512605, EPI_ISL_512606, EPI_ISL_512607, EPI_ISL_512608, EPI_ISL_512609, EPI_ISL_512610, EPI_ISL_512611, EPI_ISL_512612, EPI_ISL_512613, EPI_ISL_512614, EPI_ISL_512615, EPI_ISL_512616, EPI_ISL_512617, EPI_ISL_512618, EPI_ISL_512619, EPI_ISL_512620, EPI_ISL_512621, EPI_ISL_512622, EPI_ISL_512623, EPI_ISL_512624, EPI_ISL_512625, EPI_ISL_512626, EPI_ISL_512627, EPI_ISL_512628, EPI_ISL_512629, EPI_ISL_512630, EPI_ISL_512631, EPI_ISL_512632, EPI_ISL_512633, EPI_ISL_512634, EPI_ISL_512635, EPI_ISL_512636, EPI_ISL_512637, EPI_ISL_512639, EPI_ISL_512640, EPI_ISL_512641, EPI_ISL_512642, EPI_ISL_512643, EPI_ISL_512644, EPI_ISL_512645, EPI_ISL_512646, EPI_ISL_512647, EPI_ISL_512648, EPI_ISL_512649, EPI_ISL_512650, EPI_ISL_512651, EPI_ISL_512652, EPI_ISL_512653, EPI_ISL_512654, EPI_ISL_512655, EPI_ISL_512656, EPI_ISL_512657, EPI_ISL_512658, EPI_ISL_512659, EPI_ISL_512660, EPI_ISL_512661, EPI_ISL_512662, EPI_ISL_512663, EPI_ISL_512664, EPI_ISL_512665, EPI_ISL_512666, EPI_ISL_512667, EPI_ISL_512668, EPI_ISL_512669, EPI_ISL_512670, EPI_ISL_512671, EPI_ISL_512672, EPI_ISL_512673, EPI_ISL_512674, EPI_ISL_512675, EPI_ISL_512676, EPI_ISL_512677, EPI_ISL_512678, EPI_ISL_512679, EPI_ISL_512680, EPI_ISL_512681, EPI_ISL_512682, EPI_ISL_512683, EPI_ISL_512684, EPI_ISL_512685, EPI_ISL_512686, EPI_ISL_512687, EPI_ISL_512688, EPI_ISL_512689, EPI_ISL_512690, EPI_ISL_512691, EPI_ISL_512692, EPI_ISL_512693, EPI_ISL_512694, EPI_ISL_512695, EPI_ISL_512696, EPI_ISL_512697, EPI_ISL_512698, EPI_ISL_512699, EPI_ISL_512700, EPI_ISL_512701, EPI_ISL_512702, EPI_ISL_512703, EPI_ISL_512704, EPI_ISL_512705, EPI_ISL_512706, EPI_ISL_512707, EPI_ISL_512708, EPI_ISL_512709, EPI_ISL_512710, EPI_ISL_512711, EPI_ISL_512712, EPI_ISL_512713, EPI_ISL_512714, EPI_ISL_512715, EPI_ISL_512716, EPI_ISL_512717, EPI_ISL_512718, EPI_ISL_512719, EPI_ISL_512720, EPI_ISL_512721, EPI_ISL_512722, EPI_ISL_512723, EPI_ISL_512724, EPI_ISL_512725, EPI_ISL_512726, EPI_ISL_512727, EPI_ISL_512728, EPI_ISL_512729, EPI_ISL_512730, EPI_ISL_512731, EPI_ISL_512732, EPI_ISL_512733, EPI_ISL_512734, EPI_ISL_512735, EPI_ISL_512736, EPI_ISL_512737, EPI_ISL_512738, EPI_ISL_512739, EPI_ISL_512740, EPI_ISL_512741, EPI_ISL_512742, EPI_ISL_512743, EPI_ISL_512744, EPI_ISL_512745, EPI_ISL_512746, EPI_ISL_512747, EPI_ISL_512748, EPI_ISL_512749, EPI_ISL_512750, EPI_ISL_512751, EPI_ISL_512752, EPI_ISL_512753, EPI_ISL_512754, EPI_ISL_512755, EPI_ISL_512756, EPI_ISL_512757, EPI_ISL_512758, EPI_ISL_512759, EPI_ISL_512760, EPI_ISL_512761, EPI_ISL_512762, EPI_ISL_512763, EPI_ISL_512764, EPI_ISL_512765, EPI_ISL_512766, EPI_ISL_512767, EPI_ISL_512768, EPI_ISL_512769, EPI_ISL_512770, EPI_ISL_512771, EPI_ISL_512772, EPI_ISL_512773, EPI_ISL_512774, EPI_ISL_512775, EPI_ISL_512776, EPI_ISL_512777, EPI_ISL_512778, EPI_ISL_512779, EPI_ISL_512780, EPI_ISL_512781, EPI_ISL_512782, EPI_ISL_512783, EPI_ISL_512784, EPI_ISL_512785, EPI_ISL_512786, EPI_ISL_512787, EPI_ISL_512788, EPI_ISL_512789, EPI_ISL_512790, EPI_ISL_512791, EPI_ISL_512792, EPI_ISL_512793, EPI_ISL_512794, EPI_ISL_512795, EPI_ISL_512796, EPI_ISL_512797, EPI_ISL_512798, EPI_ISL_512799, EPI_ISL_512800, EPI_ISL_512801, EPI_ISL_512802, EPI_ISL_512803, EPI_ISL_512804, EPI_ISL_512805, EPI_ISL_512806, EPI_ISL_512807, EPI_ISL_512808, EPI_ISL_512809, EPI_ISL_512810, EPI_ISL_512811, EPI_ISL_512812, EPI_ISL_512813, EPI_ISL_512814, EPI_ISL_512815, EPI_ISL_512816, EPI_ISL_512817, EPI_ISL_512818, EPI_ISL_512819, EPI_ISL_512820, EPI_ISL_512821, EPI_ISL_512822, EPI_ISL_512823, EPI_ISL_512824, EPI_ISL_512825, EPI_ISL_512826, EPI_ISL_512827, EPI_ISL_512828, EPI_ISL_512829, EPI_ISL_512830, EPI_ISL_512831, EPI_ISL_512832, EPI_ISL_512833, EPI_ISL_512834, EPI_ISL_512835, EPI_ISL_512836, EPI_ISL_512837, EPI_ISL_512838, EPI_ISL_512839, EPI_ISL_512840, EPI_ISL_512841, EPI_ISL_512842, EPI_ISL_512843, EPI_ISL_512844, EPI_ISL_512845, EPI_ISL_512846, EPI_ISL_512847, EPI_ISL_512848, EPI_ISL_512849, EPI_ISL_512850, EPI_ISL_512851, EPI_ISL_512852, EPI_ISL_512853, EPI_ISL_512854, EPI_ISL_512855, EPI_ISL_512856, EPI_ISL_512857, EPI_ISL_512858, EPI_ISL_512859, EPI_ISL_512860, EPI_ISL_512861, EPI_ISL_512862, EPI_ISL_512863, EPI_ISL_512864, EPI_ISL_512865, EPI_ISL_512866, EPI_ISL_512867, EPI_ISL_512868, EPI_ISL_512869, EPI_ISL_512870, EPI_ISL_512871, EPI_ISL_512872, EPI_ISL_512873, EPI_ISL_512874, EPI_ISL_512875, EPI_ISL_512876, EPI_ISL_512877, EPI_ISL_512878, EPI_ISL_512879, EPI_ISL_512880, EPI_ISL_512881, EPI_ISL_512882, EPI_ISL_512883, EPI_ISL_512884, EPI_ISL_512885, EPI_ISL_512886, EPI_ISL_512887, EPI_ISL_512888, EPI_ISL_512889, EPI_ISL_512890, EPI_ISL_512891, EPI_ISL_512892, EPI_ISL_512893, EPI_ISL_512894, EPI_ISL_512895, EPI_ISL_512896, EPI_ISL_512897, EPI_ISL_512898, EPI_ISL_512899, EPI_ISL_512900, EPI_ISL_512901, EPI_ISL_512902, EPI_ISL_512903, EPI_ISL_512904, EPI_ISL_512905, EPI_ISL_512906, EPI_ISL_512907, EPI_ISL_512908, EPI_ISL_512909, EPI_ISL_512910, EPI_ISL_512911, EPI_ISL_512912, EPI_ISL_512913, EPI_ISL_512914, EPI_ISL_512915, EPI_ISL_512916, EPI_ISL_512917, EPI_ISL_512918, EPI_ISL_512919, EPI_ISL_512920, EPI_ISL_512921, EPI_ISL_512922, EPI_ISL_512923, EPI_ISL_512924, EPI_ISL_512925, EPI_ISL_512926, EPI_ISL_512927, EPI_ISL_512928, EPI_ISL_512929, EPI_ISL_512930, EPI_ISL_512931, EPI_ISL_512932, EPI_ISL_512933, EPI_ISL_512934, EPI_ISL_512935, EPI_ISL_512936, EPI_ISL_512937, EPI_ISL_512938, EPI_ISL_512939, EPI_ISL_512940, EPI_ISL_512941, EPI_ISL_512942, EPI_ISL_512943, EPI_ISL_512944, EPI_ISL_512945, EPI_ISL_512946, EPI_ISL_512947, EPI_ISL_512948, EPI_ISL_512949, EPI_ISL_512950, EPI_ISL_512951, EPI_ISL_512952, EPI_ISL_512953, EPI_ISL_512954, EPI_ISL_512955, EPI_ISL_512956, EPI_ISL_512957, EPI_ISL_512958, EPI_ISL_512959, EPI_ISL_512960, EPI_ISL_512961, EPI_ISL_512962, EPI_ISL_512963, EPI_ISL_512964, EPI_ISL_512965, EPI_ISL_512966, EPI_ISL_512967, EPI_ISL_512968, EPI_ISL_512969, EPI_ISL_512970, EPI_ISL_512971, EPI_ISL_512972, EPI_ISL_512973, EPI_ISL_512974, EPI_ISL_512975, EPI_ISL_512976, EPI_ISL_512977, EPI_ISL_512978, EPI_ISL_512979, EPI_ISL_512980, EPI_ISL_512981, EPI_ISL_512982, EPI_ISL_512983, EPI_ISL_512984, EPI_ISL_512985, EPI_ISL_512986, EPI_ISL_512987, EPI_ISL_512988, EPI_ISL_512989, EPI_ISL_512990, EPI_ISL_512991, EPI_ISL_512992, EPI_ISL_512993, EPI_ISL_512994, EPI_ISL_512995, EPI_ISL_512996, EPI_ISL_512997, EPI_ISL_512998, EPI_ISL_512999, EPI_ISL_513000, EPI_ISL_513001, EPI_ISL_513002, EPI_ISL_513003, EPI_ISL_513004, EPI_ISL_513005, EPI_ISL_513006, EPI_ISL_513007, EPI_ISL_513008, EPI_ISL_513009, EPI_ISL_513010, EPI_ISL_513011, EPI_ISL_513012, EPI_ISL_513013, EPI_ISL_513014, EPI_ISL_513015, EPI_ISL_513016, EPI_ISL_513017, EPI_ISL_513018, EPI_ISL_513019, EPI_ISL_513020, EPI_ISL_513021, EPI_ISL_513022, EPI_ISL_513023, EPI_ISL_513024, EPI_ISL_513025, EPI_ISL_513026, EPI_ISL_513027, EPI_ISL_513028, EPI_ISL_513029, EPI_ISL_513030, EPI_ISL_513031, EPI_ISL_513032, EPI_ISL_513033, EPI_ISL_513034, EPI_ISL_513035, EPI_ISL_513036, EPI_ISL_513037, EPI_ISL_513038, EPI_ISL_513039, EPI_ISL_513040, EPI_ISL_513041, EPI_ISL_513042, EPI_ISL_513043, EPI_ISL_513044, EPI_ISL_513045, EPI_ISL_513046, EPI_ISL_513047, EPI_ISL_513048, EPI_ISL_513049, EPI_ISL_513050, EPI_ISL_513051, EPI_ISL_513052, EPI_ISL_513053, EPI_ISL_513054, EPI_ISL_513055, EPI_ISL_513056, EPI_ISL_513057, EPI_ISL_513058, EPI_ISL_513059, EPI_ISL_513060, EPI_ISL_513061, EPI_ISL_513062, EPI_ISL_513063, EPI_ISL_513064, EPI_ISL_513065, EPI_ISL_513066, EPI_ISL_513067, EPI_ISL_513068, EPI_ISL_513069, EPI_ISL_513070, EPI_ISL_513071, EPI_ISL_513072, EPI_ISL_513073, EPI_ISL_513074, EPI_ISL_513075, EPI_ISL_513076, EPI_ISL_513077, EPI_ISL_513078, EPI_ISL_513079, EPI_ISL_513080, EPI_ISL_513081, EPI_ISL_513082, EPI_ISL_513083, EPI_ISL_513084, EPI_ISL_513085, EPI_ISL_513086, EPI_ISL_513087, EPI_ISL_513088, EPI_ISL_513089, EPI_ISL_513090, EPI_ISL_513091, EPI_ISL_513092, EPI_ISL_513093, EPI_ISL_513094, EPI_ISL_513095, EPI_ISL_513096, EPI_ISL_513097, EPI_ISL_513098, EPI_ISL_513099, EPI_ISL_513100, EPI_ISL_513101, EPI_ISL_513102, EPI_ISL_513103, EPI_ISL_513104, EPI_ISL_513105, EPI_ISL_513106, EPI_ISL_513107, EPI_ISL_513108, EPI_ISL_513109, EPI_ISL_513110, EPI_ISL_513111, EPI_ISL_513112, EPI_ISL_513113, EPI_ISL_513114, EPI_ISL_513115, EPI_ISL_513116, EPI_ISL_513117, EPI_ISL_513118, EPI_ISL_513119, EPI_ISL_513120, EPI_ISL_513121, EPI_ISL_513122, EPI_ISL_513123, EPI_ISL_513124, EPI_ISL_513125, EPI_ISL_513126, EPI_ISL_513127, EPI_ISL_513128, EPI_ISL_513129, EPI_ISL_513130, EPI_ISL_513131, EPI_ISL_513132, EPI_ISL_513133, EPI_ISL_513134, EPI_ISL_513135, EPI_ISL_513136, EPI_ISL_513137, EPI_ISL_513138, EPI_ISL_513139, EPI_ISL_513140, EPI_ISL_513141, EPI_ISL_513142, EPI_ISL_513143	see above	National Laboratory for Influenza/Virology reference laboratory, Public Health Center of the Ministry of Health of Ukraine	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Dr. Iryna Demchyshyna; PHE Covid Sequencing Team
EPI_ISL_4440036, EPI_ISL_4440039, EPI_ISL_4440042, EPI_ISL_4440044, EPI_ISL_4440046, EPI_ISL_4440048, EPI_ISL_4440053, EPI_ISL_4440055, EPI_ISL_4440057, EPI_ISL_4440060, EPI_ISL_4440062, EPI_ISL_4440064, EPI_ISL_4440066, EPI_ISL_4440068, EPI_ISL_4440071, EPI_ISL_4440073, EPI_ISL_4440075, EPI_ISL_4440078, EPI_ISL_4440080, EPI_ISL_4440082, EPI_ISL_4440084, EPI_ISL_4440087, EPI_ISL_4440089, EPI_ISL_4440092, EPI_ISL_4440093, EPI_ISL_4440095, EPI_ISL_4440097, EPI_ISL_4440099, EPI_ISL_4440101, EPI_ISL_4440103	see above	Public Health Center of MHU	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.
EPI_ISL_1112293, EPI_ISL_1112294, EPI_ISL_1112295, EPI_ISL_1112296, EPI_ISL_1112297, EPI_ISL_1112298, EPI_ISL_1112299, EPI_ISL_1112300, EPI_ISL_1112301, EPI_ISL_1112302, EPI_ISL_1112303, EPI_ISL_1112304, EPI_ISL_1112305, EPI_ISL_1112306, EPI_ISL_1112307, EPI_ISL_1112308, EPI_ISL_1112309, EPI_ISL_1112310, EPI_ISL_1112311, EPI_ISL_1112312, EPI_ISL_1112313, EPI_ISL_1112314, EPI_ISL_1112315, EPI_ISL_1112316, EPI_ISL_1112317, EPI_ISL_1112318, EPI_ISL_1112319, EPI_ISL_1112320, EPI_ISL_1112321, EPI_ISL_1112322, EPI_ISL_1112323, EPI_ISL_1112324, EPI_ISL_1112325, EPI_ISL_1112326, EPI_ISL_1112327, EPI_ISL_1112328, EPI_ISL_1112329, EPI_ISL_1112330, EPI_ISL_1112331, EPI_ISL_1112332, EPI_ISL_1112333, EPI_ISL_1112334, EPI_ISL_1112335, EPI_ISL_1112336, EPI_ISL_1112337, EPI_ISL_1112338, EPI_ISL_1112339, EPI_ISL_1112340	see above	Public Health Center of Ukraine	Charité Universitätsmedizin Berlin, Institute of Virology	Barbara Mühlemann; Christian Drosten; Ihor Kuzin; Iryna Demchyshyna; Julia Schneider; Jörn Beheim-Schwarzbach; Liudmyla Chernenko; Roman Rodyna; Talitha Veith; Terry Jones; Victor M Corman
EPI_ISL_2934571, EPI_ISL_2934572, EPI_ISL_2934575, EPI_ISL_2966511, EPI_ISL_2966513	SE Kyiv CDC MHU	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_2934569, EPI_ISL_2934570, EPI_ISL_2934573, EPI_ISL_2934574, EPI_ISL_2966512	SECP MHU	The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_3262118, EPI_ISL_3262119, EPI_ISL_3262120, EPI_ISL_3262121, EPI_ISL_3262122, EPI_ISL_3262123, EPI_ISL_3262124, EPI_ISL_3262125, EPI_ISL_3262126, EPI_ISL_3262127, EPI_ISL_3262128, EPI_ISL_3262129, EPI_ISL_3262130, EPI_ISL_3262131, EPI_ISL_3262132, EPI_ISL_3262133, EPI_ISL_3262134, EPI_ISL_3262135, EPI_ISL_3262136, EPI_ISL_3262137, EPI_ISL_3262138, EPI_ISL_3262139, EPI_ISL_3262140, EPI_ISL_3262141, EPI_ISL_3262142, EPI_ISL_3262143, EPI_ISL_3262144, EPI_ISL_3262145, EPI_ISL_3262146, EPI_ISL_3262147, EPI_ISL_3262148, EPI				

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

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_7398746 EPI_ISL_8917339 EPI_ISL_8142634 EPI_ISL_9663029, EPI_ISL_9663030, EPI_ISL_9663031, EPI_ISL_9663032	"Dila" medical laboratory 2021-12-04 AZ St-Jan Brugge-Oostende Center for Family Medicine of Ukrainian Medical Diagnostic Center	"Dila" medical laboratory Jiaxing Center for Disease Control and Prevention AZ St-Jan Brugge-Oostende L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases of the NAMS of Ukraine	Kostiantyn Nekrasov Guoying Zhu; Ping Li; Shencong Lv; Yin Song; Yong Yan; Zhongwen Chen Jorn Hellemans; Marie Madeleine Chabert-Consen; Marijke Reynders; Patrick Descheemaeker; Sofie Mahboob Alla M. Scherbinska; Anna Yakovleva; Eric Bortz; Ganna Kovalenko; Ian Goodfellow; Joel O. Wertheim; Luke Meredith; Mariia G. Liulchuk; Matthew Redlinger; Tetyana I. Vasylyeva; Viktoria I. Zadorozhna
EPI_ISL_12436296, EPI_ISL_12436297, EPI_ISL_12436298, EPI_ISL_12436299, EPI_ISL_12436300, EPI_ISL_12436322, EPI_ISL_12436324, EPI_ISL_12436325, EPI_ISL_12546574, EPI_ISL_12546614, EPI_ISL_12546615, EPI_ISL_12546616, EPI_ISL_12546617, EPI_ISL_12546618, EPI_ISL_12546619, EPI_ISL_12546632	see above Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC Farmak	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Nataliia Teteriuk; Pydiura Mykola
EPI_ISL_12267825, EPI_ISL_12267826, EPI_ISL_12267827, EPI_ISL_12267828, EPI_ISL_12267829, EPI_ISL_12267830, EPI_ISL_12267831, EPI_ISL_12267832	see above Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases NAMS of Ukraine, 33	CNR Virus des Infections Respiratoires - France SUD	Alla Mironenko; Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Larysa Radchenko; Laurence Josset; Martine Valette; Nataliia Teteriuk; Quentin Semanas; Theophile Boyer
EPI_ISL_7395070, EPI_ISL_7396045, EPI_ISL_7396713, EPI_ISL_7397609, EPI_ISL_7755847, EPI_ISL_7756082, EPI_ISL_7756831, EPI_ISL_7757043, EPI_ISL_7757243, EPI_ISL_7757467, EPI_ISL_7757655, EPI_ISL_7758462, EPI_ISL_10047226, EPI_ISL_10047227, EPI_ISL_10047228, EPI_ISL_11866940, EPI_ISL_11866941, EPI_ISL_11866942, EPI_ISL_11866943, EPI_ISL_11866944, EPI_ISL_11866945, EPI_ISL_12063453, EPI_ISL_12063603, EPI_ISL_12063604, EPI_ISL_12249368, EPI_ISL_12249372, EPI_ISL_12249374, EPI_ISL_12249377, EPI_ISL_12249380, EPI_ISL_12249423	see above Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Mykola Pydiura; Nataliia Teteriuk; Pydiura Mykola
EPI_ISL_10717566, EPI_ISL_10717567, EPI_ISL_10717568, EPI_ISL_10717569, EPI_ISL_10717570, EPI_ISL_10717571, EPI_ISL_10717572, EPI_ISL_10717573	see above L.V.GROMASHEVSKY	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas; Theophile Boyer
EPI_ISL_7987086 EPI_ISL_9479659	Medical laboratory "Dila" Platform BIS UZA/UAntwerpen	Medical laboratory "Dila" Labo Klinische Biologie, UZA	B.Shpyga; D.Negrulia; K.Nekrasov; Y.Natalych Basil Britto Xavier; Christine Lammens; Herman Goossens; Ines Verbesselt; Jasmine Coppens; Kathleen Holemans; Marie Le Mercier; Veerle Matheussen
EPI_ISL_7967972, EPI_ISL_7967973, EPI_ISL_7967974, EPI_ISL_7967975, EPI_ISL_7967976, EPI_ISL_7967977, EPI_ISL_7967978, EPI_ISL_7967979, EPI_ISL_7967980, EPI_ISL_7967981, EPI_ISL_7967982, EPI_ISL_7967983, EPI_ISL_7967984, EPI_ISL_7967985, EPI_ISL_7967986, EPI_ISL_7967987, EPI_ISL_7967988, EPI_ISL_7967989, EPI_ISL_7967990, EPI_ISL_7967991, EPI_ISL_7967992, EPI_ISL_7967993, EPI_ISL_7967994, EPI_ISL_7967995, EPI_ISL_7967996, EPI_ISL_7967997, EPI_ISL_7967998, EPI_ISL_7967999, EPI_ISL_7968000, EPI_ISL_7968001, EPI_ISL_7968002, EPI_ISL_7968003, EPI_ISL_7968004, EPI_ISL_7968005, EPI_ISL_7968006, EPI_ISL_7968007, EPI_ISL_7968008, EPI_ISL_7968009, EPI_ISL_7968010, EPI_ISL_7968011, EPI_ISL_7968012, EPI_ISL_7968013, EPI_ISL_8645799, EPI_ISL_8645800, EPI_ISL_8645801, EPI_ISL_8645802, EPI_ISL_8645803, EPI_ISL_8645804, EPI_ISL_8645805, EPI_ISL_8645806, EPI_ISL_8645807, EPI_ISL_8645808, EPI_ISL_8645809, EPI_ISL_8645810, EPI_ISL_8645811, EPI_ISL_8645812, EPI_ISL_8645813, EPI_ISL_8645814, EPI_ISL_8645815, EPI_ISL_8645816, EPI_ISL_8645817, EPI_ISL_8645818, EPI_ISL_8645819, EPI_ISL_8645820, EPI_ISL_8645821, EPI_ISL_8645822, EPI_ISL_8645823, EPI_ISL_8645824, EPI_ISL_8645825, EPI_ISL_8645826, EPI_ISL_8645827, EPI_ISL_8645828, EPI_ISL_8645829, EPI_ISL_8645830, EPI_ISL_8645831, EPI_ISL_8645832, EPI_ISL_8645833, EPI_ISL_8645834, EPI_ISL_8645835, EPI_ISL_8645836, EPI_ISL_8645837, EPI_ISL_8645838, EPI_ISL_8645839, EPI_ISL_8645840, EPI_ISL_8645841, EPI_ISL_8645842, EPI_ISL_8645843, EPI_ISL_8645844, EPI_ISL_8645845, EPI_ISL_8645846, EPI_ISL_8645847, EPI_ISL_8645848, EPI_ISL_8645849, EPI_ISL_8645850, EPI_ISL_8645851, EPI_ISL_8645852, EPI_ISL_8645853, EPI_ISL_8645854, EPI_ISL_8645855, EPI_ISL_8645856, EPI_ISL_8645857, EPI_ISL_8645858, EPI_ISL_8645859, EPI_ISL_8645860, EPI_ISL_8645861, EPI_ISL_8645862, EPI_ISL_8645863, EPI_ISL_8645864, EPI_ISL_8645865, EPI_ISL_8645866, EPI_ISL_8645867, EPI_ISL_8645868, EPI_ISL_8645869, EPI_ISL_8645870, EPI_ISL_8645871, EPI_ISL_8645872, EPI_ISL_8645873, EPI_ISL_8645874, EPI_ISL_8645875, EPI_ISL_8645876, EPI_ISL_8645877, EPI_ISL_8645878, EPI_ISL_8645879, EPI_ISL_8645880, EPI_ISL_8645881, EPI_ISL_8645882, EPI_ISL_8645883, EPI_ISL_8645884, EPI_ISL_8645885, EPI_ISL_8645886, EPI_ISL_8645887, EPI_ISL_8645888, EPI_ISL_8645889, EPI_ISL_8645890, EPI_ISL_8645891, EPI_ISL_8645892, EPI_ISL_8645893, EPI_ISL_8645894, EPI_ISL_8645895, EPI_ISL_8645896, EPI_ISL_8645897, EPI_ISL_8645898, EPI_ISL_8645899, EPI_ISL_8645900, EPI_ISL_8645901, EPI_ISL_8645902, EPI_ISL_8645903, EPI_ISL_8645904, EPI_ISL_8645905, EPI_ISL_8645906, EPI_ISL_8645907, EPI_ISL_8645908, EPI_ISL_8645909, EPI_ISL_8645910, EPI_ISL_8645911, EPI_ISL_8645912, EPI_ISL_8645913, EPI_ISL_8645914, EPI_ISL_8645915, EPI_ISL_8645916, EPI_ISL_8645917, EPI_ISL_8645918, EPI_ISL_8645919, EPI_ISL_8645920, EPI_ISL_8645921, EPI_ISL_8645922, EPI_ISL_8645923, EPI_ISL_8645924, EPI_ISL_8645925, EPI_ISL_8645926, EPI_ISL_8645927, EPI_ISL_8645928, EPI_ISL_8645929, EPI_ISL_8645930, EPI_ISL_8645931, EPI_ISL_8645932, EPI_ISL_8645933, EPI_ISL_8645934, EPI_ISL_8645935, EPI_ISL_8645936, EPI_ISL_8645937, EPI_ISL_8645938, EPI_ISL_8645939, EPI_ISL_8645940, EPI_ISL_8645941, EPI_ISL_8645942, EPI_ISL_8645943, EPI_ISL_8645944, EPI_ISL_8645945, EPI_ISL_8645946, EPI_ISL_8645947, EPI_ISL_8645948, EPI_ISL_8645949, EPI_ISL_8645950, EPI_ISL_8645951, EPI_ISL_8645952, EPI_ISL_8645953, EPI_ISL_8645954, EPI_ISL_8645955, EPI_ISL_8645956, EPI_ISL_8645957, EPI_ISL_8645958, EPI_ISL_8645959, EPI_ISL_8645960, EPI_ISL_8645961, EPI_ISL_8645962, EPI_ISL_8645963, EPI_ISL_8645964, EPI_ISL_8645965, EPI_ISL_8645966, EPI_ISL_8645967, EPI_ISL_8645968, EPI_ISL_8645969, EPI_ISL_8645970, EPI_ISL_8645971, EPI_ISL_8645972, EPI_ISL_8645973, EPI_ISL_8645974, EPI_ISL_8645975, EPI_ISL_8645976, EPI_ISL_8645977, EPI_ISL_8645978, EPI_ISL_8645979, EPI_ISL_8645980, EPI_ISL_8645981, EPI_ISL_8645982, EPI_ISL_8645983, EPI_ISL_8645984, EPI_ISL_8645985, EPI_ISL_8645986, EPI_ISL_8645987, EPI_ISL_8645988, EPI_ISL_8645989, EPI_ISL_8645990, EPI_ISL_8645991, EPI_ISL_8645992, EPI_ISL_8645993, EPI_ISL_8645994, EPI_ISL_8645995, EPI_ISL_8645996, EPI_ISL_8645997, EPI_ISL_8645998, EPI_ISL_8645999, EPI_ISL_8646000, EPI_ISL_8646001, EPI_ISL_8646002, EPI_ISL_8646003, EPI_ISL_8646004, EPI_ISL_8646005, EPI_ISL_8646006, EPI_ISL_8646007, EPI_ISL_8646008, EPI_ISL_8646009, EPI_ISL_8646010, EPI_ISL_8646011, EPI_ISL_8646012, EPI_ISL_8646013, EPI_ISL_8646014, EPI_ISL_8646015, EPI_ISL_8646016, EPI_ISL_8646017, EPI_ISL_8646018, EPI_ISL_8646019, EPI_ISL_8646020, EPI_ISL_8646021, EPI_ISL_8646022, EPI_ISL_8646023, EPI_ISL_8646024, EPI_ISL_8646025, EPI_ISL_8646026, EPI_ISL_8646027, EPI_ISL_8646028	see above SI «Public Health Center of MHU» The Institute of Molecular Biology and Genetics of NASU	M.Tukalo et al.	
EPI_ISL_9662954, EPI_ISL_9662955, EPI_ISL_9662956, EPI_ISL_9662957, EPI_ISL_9662958, EPI_ISL_9662959, EPI_ISL_9662960, EPI_ISL_9662961, EPI_ISL_9662962, EPI_ISL_9662963, EPI_ISL_9662964, EPI_ISL_9662965, EPI_ISL_9662966, EPI_ISL_9662967, EPI_ISL_9662968, EPI_ISL_9662969, EPI_ISL_9662970, EPI_ISL_9662971, EPI_ISL_9662972, EPI_ISL_9662973, EPI_ISL_9662974, EPI_ISL_9662975, EPI_ISL_9662976, EPI_ISL_9662977, EPI_ISL_9662978, EPI_ISL_9662979, EPI_ISL_9662980, EPI_ISL_9662981, EPI_ISL_9662982, EPI_ISL_9662983, EPI_ISL_9662984, EPI_ISL_9662985, EPI_ISL_9662986, EPI_ISL_9662987, EPI_ISL_9662988, EPI_ISL_9662989, EPI_ISL_9662990, EPI_ISL_9662991, EPI_ISL_9662992, EPI_ISL_9662993, EPI_ISL_9662994, EPI_ISL_9662995, EPI_ISL_9662996, EPI_ISL_9662997, EPI_ISL_9662998, EPI_ISL_9662999, EPI_ISL_9663000, EPI_ISL_9663001, EPI_ISL_9663002, EPI_ISL_9663003, EPI_ISL_9663004, EPI_ISL_9663005, EPI_ISL_9663006, EPI_ISL_9663007, EPI_ISL_9663008, EPI_ISL_9663009, EPI_ISL_9663010, EPI_ISL_9663011, EPI_ISL_9663012, EPI_ISL_9663013, EPI_ISL_9663014, EPI_ISL_9663015, EPI_ISL_9663016, EPI_ISL_9663017, EPI_ISL_9663018, EPI_ISL_9663019, EPI_ISL_9663020, EPI_ISL_9663021, EPI_ISL_9663022, EPI_ISL_9663023, EPI_ISL_9663024, EPI_ISL_9663025, EPI_ISL_9663026, EPI_ISL_9663027, EPI_ISL_9663028	see above State Institution "Kyiv City Center for Control and Prevention of Diseases of Ministry of Health of Ukraine"	L.V. Gromashevsky Institute of Epidemiology and Infectious Diseases of the NAMS of Ukraine	Alla M. Scherbinska; Anna Yakovleva; Eric Bortz; Ganna Kovalenko; Ian Goodfellow; Joel O. Wertheim; Luke Meredith; Mariia G. Liulchuk; Matthew Redlinger; Tetyana I. Vasylyeva; Viktoria I. Zadorozhna

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

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_733077, EPI_ISL_733078, EPI_ISL_733151, EPI_ISL_733433, EPI_ISL_733452, EPI_ISL_1400527, EPI_ISL_1400557 see above	HELIX LLC	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Anna Ivanova; Artem Fadeev; Daria Danilenko; Dmitry Bazhenov; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Ksenia Safina; Kseniya Komissarova
EPI_ISL_3932047, EPI_ISL_3996685, EPI_ISL_3996686, EPI_ISL_3996687, EPI_ISL_3996688 EPI_ISL_2031957	Molecular Diagnostic Laboratory of Federal Budget Institution of Science at the Central Research Institute of Epidemiology of the Federal Service on Customers' Rights Protection and Human Well-being Surveillance Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Akimkin V.G.; Berlina Y.Y.; Buharina A.Y.; Kaptelova V.V.; Kondrasheva L.Y.; Korneenko E.V.; Nadtoka M.I.; Roev G.V.; Saenko S.S.; Samoilov A.E.; Shipulina O.Y.; Sinityn S.O.; Smirnova Y.S.; Speranskaya A.S.; Vyhodceva A.V. Akimkin V.G.; Kaptelova V.V.; Kondrasheva L.Y.; Korneenko E.V.; Nadtoka M.I.; Saenko S.S.; Samojlov A.E.; Shipulina O.Y.; Sinicyn S.O.; Smirnova Y.S.; Speranskaya A.S.; Tivanova E.V.
EPI_ISL_3101330, EPI_ISL_3101347, EPI_ISL_4536678, EPI_ISL_4536683, EPI_ISL_4536741, EPI_ISL_4536770, EPI_ISL_4558178, EPI_ISL_5306854, EPI_ISL_6642293, EPI_ISL_6642294, EPI_ISL_6642295, EPI_ISL_6642296, EPI_ISL_6642297, EPI_ISL_6901054, EPI_ISL_6901055, EPI_ISL_6901056, EPI_ISL_6901057, EPI_ISL_6901058, EPI_ISL_6901059, EPI_ISL_6901060, EPI_ISL_6901061, EPI_ISL_6901062, EPI_ISL_6901063, EPI_ISL_6901064, EPI_ISL_6901065, EPI_ISL_6901066, EPI_ISL_6901067, EPI_ISL_6901068, EPI_ISL_6901069, EPI_ISL_6901070, EPI_ISL_6901071, EPI_ISL_6901072, EPI_ISL_7688591, EPI_ISL_7688592, EPI_ISL_7688593, EPI_ISL_7688594, EPI_ISL_7688595, EPI_ISL_7688596, EPI_ISL_7688597, EPI_ISL_7688598, EPI_ISL_7688599, EPI_ISL_7688600, EPI_ISL_7688601, EPI_ISL_7688602, EPI_ISL_7688603, EPI_ISL_7688604, EPI_ISL_7717358, EPI_ISL_7717549, EPI_ISL_7717550, EPI_ISL_7717572, EPI_ISL_7717584, EPI_ISL_7717617, EPI_ISL_8189424, EPI_ISL_8540303, EPI_ISL_8540330, EPI_ISL_8540337, EPI_ISL_11359717, EPI_ISL_11359718, EPI_ISL_11359719 see above	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology Akimkin V.G.; Azarova V.S.; Berlina Y.Y.; Borzova S.I.; Buharina A.Y.; Bulanenko V.P.; Cherkashina A.S.; Chudinov I.K.; Dohoyan A.Y.; Dolotova S.M.; Golubeva A.G.; Goncharov S.E.; Gul'boj E.Y.; Kaptelova V.V.; Kochetova E.V.; Kondrasheva L.Y.; Korneenko E.V.; Markina N.V.; Nadtoka M.I.; Noskova O.M.; Roev G.V.; Saenko S.S.; Samoilov A.E.; Selezov S.Y.; Shipulina O.Y.; Sinityn S.O.; Smirnova Y.S.; Solovieva E.D.; Speranskaya A.S.; Svetlichnyj D.V.; Valdohina A.V.; Vyhodceva A.V.; Zotova M.I.; Zuev S.N.	
EPI_ISL_3122988, EPI_ISL_3122989, EPI_ISL_3122990, EPI_ISL_3122991, EPI_ISL_3122992, EPI_ISL_3122993, EPI_ISL_3122994, EPI_ISL_3122995, EPI_ISL_3122996, EPI_ISL_3122997 see above	Republican Children's Clinical Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_8007819, EPI_ISL_8007821, EPI_ISL_8007822, EPI_ISL_8007823, EPI_ISL_8007824, EPI_ISL_8007825, EPI_ISL_8007827, EPI_ISL_8783298, EPI_ISL_8783299, EPI_ISL_8783300, EPI_ISL_8783301, EPI_ISL_8783302, EPI_ISL_8783303, EPI_ISL_8783304, EPI_ISL_8783305, EPI_ISL_8783306, EPI_ISL_8783307, EPI_ISL_8783308, EPI_ISL_8783309, EPI_ISL_8783310, EPI_ISL_8783311, EPI_ISL_8783312, EPI_ISL_8783313, EPI_ISL_8783314, EPI_ISL_8783315, EPI_ISL_8783316 see above	Sevastopol Municipal Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_428901	State Research Center of Virology and Biotechnology VECTOR, Department of Collection of Microorganisms	State Research Center of Virology and Biotechnology VECTOR, Department of Collection of Microorganisms	Alexander N. Shvalov; Elena V. Gavrilova; Oleg V. Pyankov; Rinat A. Maksyutov; Sergey A. Bodnev; Tatyana V. Tregubchak