

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_733500	1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis El Manar, Faculty of Medicine of Tunis, LR99509, Tunis, Tunisia	1-Clinical and Experimental Pharmacology Lab, LR16SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia. 2-Neurodegenerative diseases and psychiatric troubles, LR18SP03, Razi Hospital, University of Tunis El Manar, Tunis, Tunisia. 3- Ministry of Health, National Observatory of New and Emerging Diseases, 1006, Tunis, Tunisia	Alia Ben Kahla; Asma Ferjani; Gaies Emna; Guedi Ali Barreh; Habiba Ben Romdhane; Hanen El Jebari; Ilhem Boutiba-Ben Boubaker; Jalila Ben Khelil; Maher Kharrat; Mouna Ben Sassi; Mouna Safer; Nissaf Ben Alaya; Riadh Daghfous; Riadh Gouider.; Salma Abid; Sameh Trabelsi; Sana Ferjani; Sarra Chamman; Souissi Amira
EPI_ISL_640078, EPI_ISL_640107, EPI_ISL_640115, EPI_ISL_640117, EPI_ISL_640127, EPI_ISL_700446, EPI_ISL_700555			
see above	2 Military Hospital wc MAA	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_960151	2 Military Hospital wc MAA	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_602622, EPI_ISL_602623, EPI_ISL_602624, EPI_ISL_602625, EPI_ISL_602626, EPI_ISL_602627, EPI_ISL_602628, EPI_ISL_602629, EPI_ISL_602630, EPI_ISL_602631, EPI_ISL_605784			
see above	AHRI-Sigal	KRISP, KZN Research Innovation and Sequencing Platform	Cele S.; Gazy I.; Giandhari J.; Karim F.; Pillay S.; Sigal A.; Sigl A.; Sigla; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_700521	Alma CDC wc AHC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2771497, EPI_ISL_2771498	Arizona State University	Arizona State University	Adam K. Khan; Efrem S. Lim; LaRinda A. Holland; Peter T. Skidmore; Rabia Maqsood
EPI_ISL_700553	Beaufort West CDC wc BWC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640031, EPI_ISL_640047, EPI_ISL_700453	Beaufort West Hospital wc BWH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_527007	Biological Prevention, Army	Biological Prevention, Army	A.E.; A.F.; A.M.; Ageez; B.E.; Elhoseiny; Gad; Harty; M.D.; M.F.; M.G.; Seadawy; Shabaan; Shamel
EPI_ISL_526975, EPI_ISL_526976, EPI_ISL_526977, EPI_ISL_526978, EPI_ISL_526979, EPI_ISL_526980, EPI_ISL_526981, EPI_ISL_526982, EPI_ISL_526983, EPI_ISL_526984, EPI_ISL_526985, EPI_ISL_526986, EPI_ISL_526987, EPI_ISL_526988, EPI_ISL_526989, EPI_ISL_526990, EPI_ISL_526991, EPI_ISL_526992, EPI_ISL_526993, EPI_ISL_526994, EPI_ISL_526995, EPI_ISL_526996, EPI_ISL_526997, EPI_ISL_526998, EPI_ISL_526999, EPI_ISL_527000, EPI_ISL_527001, EPI_ISL_527002, EPI_ISL_527003, EPI_ISL_527004, EPI_ISL_527005, EPI_ISL_527006			A.E.; A.F.; A.M.; Ageez; B.E.; Elhoseiny; Elhosieny; Gad; Harty; M.D.; M.F.; M.G.; Seadawy; Shabaan; Shamel
see above	Biological prevention, army	Biological prevention, army	A.A.; A.F.; A.M. and Soliman; Ali; Amer; B.E.; B.S.; ELnabrawy; ElGohary; Elhoseiny; Elhoseny; Enagdy; Elkakeeb; Gad; H.A.; Harty; Hassan; Kandell; Karam; M.A.; M.D.; M.F.; M.G.; M.M. and Gad; Raouf; Seadawy; Shamel; T.A.; W.A.; Y.A.; k.E.
EPI_ISL_510526, EPI_ISL_510532	Biological prevention, army	Biological prevention, army	
EPI_ISL_4026291, EPI_ISL_4026292, EPI_ISL_4026293, EPI_ISL_4026294, EPI_ISL_4026295, EPI_ISL_4026297, EPI_ISL_4026299, EPI_ISL_4026300, EPI_ISL_4026301, EPI_ISL_4026302, EPI_ISL_4026303, EPI_ISL_4026304, EPI_ISL_4026305, EPI_ISL_4026306, EPI_ISL_4026307, EPI_ISL_4026308, EPI_ISL_4026309, EPI_ISL_4026310, EPI_ISL_4026311, EPI_ISL_4026312, EPI_ISL_4026313			
see above	Biorepository and Clinical Virology Laboratory	Northwestern University - Center for Pathogen Genomics and Microbial Evolution	Adeola A. Fowotade; Babafemi O. Taiwo; Egon A. Ozer; Ewean C. Omoruyi; Johnson A. Adeniji; Judd F. Hultquist; Lacy M. Simons; Olubusuyi M. Adewumi; Ramon Lorenzo-Redondo
EPI_ISL_2621085	Bongolethu Clinic wc BLC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640075	Bothasig CDC wc BLD	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_1516855, EPI_ISL_1516857, EPI_ISL_1516865, EPI_ISL_1516866, EPI_ISL_1516867, EPI_ISL_1516868, EPI_ISL_1516869, EPI_ISL_1516870, EPI_ISL_1516871, EPI_ISL_1516873, EPI_ISL_1516876, EPI_ISL_1516877, EPI_ISL_1516879, EPI_ISL_1516881			
see above	Botswana Harvard HIV Reference Laboratory	Botswana Harvard HIV Reference Laboratory	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Joseph Makhema; Legodile Kooepile; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Dorcas Maruapula; Simani Gaseitsiwe; Thongbotho Mphoyakagosi; Wonderful T. Choga
EPI_ISL_640036	Bridgeton CDC wc BTC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2779396, EPI_ISL_2779397	Busia County Referral Hospital	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_2955501, EPI_ISL_2955502, EPI_ISL_2955503, EPI_ISL_2955504, EPI_ISL_2955505	CAPRISA	KRISP, KZn Research Innovation and Sequencing Platform	Emmanuel SJ; Giandhari J; Lessells R; Naidoo Y; Ngcapu S; Pillay S; Ramphal U; Samsunder N; Sivro A; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_2086873, EPI_ISL_2086874, EPI_ISL_2086875, EPI_ISL_2086876, EPI_ISL_2086877, EPI_ISL_2086878, EPI_ISL_2086879, EPI_ISL_2285327, EPI_ISL_2285328, EPI_ISL_2285329, EPI_ISL_2285330, EPI_ISL_2285331, EPI_ISL_2285332, EPI_ISL_2285333, EPI_ISL_2285334			
see above	CHARLOTTE MAXEKE JOHANNESBURG ACADEMIC HOSPITAL	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_683835	CICM	Malaria Research and Training Center (MRTC-Parasito)	Abdoulaye Djimde; Antoine Dara
EPI_ISL_2683873	CICM, Bamako	Malaria Research and Training Center-Bamako	Abdul Karim Sangare; Abdoulaye Djimde; Amadou Daou; Antoine Dara; Bourema Kouriba
EPI_ISL_1299497	CMA Dano	Centre Muraz	Abdoul-Salam Ouedraogo; Ange Badjo; Armel Poda; Arsène Somé; Arsène Zongo; Essia Belarbi; Fabian Leendertz; Firmin Kaboré; Grit Schubert; Jasmin Schlötterbeck; Soumeiya Ouangraoua; Thérèse Kagone; Yacouba Sawadogo
EPI_ISL_636980	CS Xai Xai	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J; Ismael N; Nadia Siteo; Nedio Mabunda; Paulo Arnaldo; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_576371, EPI_ISL_576372, EPI_ISL_576373	Cancer Biology Department, National Cancer Institute	Cancer Biology Department, National Cancer Institute	A.N.; Abouelhoda, M.; Ahmed; H.K.; Hafez; Hamdy; M.M.; M.S.; O.S.; Soliman; Zekri
EPI_ISL_971451	Cell culture Unit at CV-MIT belonging to HIMMV	Functional Genomic Platform UATRS-biology, CNRST	Abderrazzak Rfak; Amine Idriss Lahlou; Elmostafa EL FAHIME; Hicham Elannaz; Khalid ENNIBI; Marouane MELLOUL; Mly Abdelaziz ELALAOUI; Mostafa ELOUENNASS; Moushine Hemlali; Nadia Touli; Sanaa ALAOUI-Amine
EPI_ISL_2232252, EPI_ISL_2232253, EPI_ISL_2232254, EPI_ISL_2232255, EPI_ISL_2232256, EPI_ISL_2232257, EPI_ISL_2232258, EPI_ISL_2232259, EPI_ISL_2232261, EPI_ISL_2232262, EPI_ISL_2232263, EPI_ISL_2232264, EPI_ISL_2232265, EPI_ISL_2232266, EPI_ISL_2232267, EPI_ISL_2232268, EPI_ISL_2232271, EPI_ISL_2232272, EPI_ISL_2232275, EPI_ISL_2232276, EPI_ISL_2232277, EPI_ISL_2232278, EPI_ISL_2232279, EPI_ISL_2232280, EPI_ISL_2232281, EPI_ISL_2232282, EPI_ISL_2232283, EPI_ISL_2232284, EPI_ISL_2232285, EPI_ISL_2232286, EPI_ISL_2232287, EPI_ISL_2232288, EPI_ISL_2232289, EPI_ISL_2232290, EPI_ISL_2232291, EPI_ISL_2232292, EPI_ISL_2232293, EPI_ISL_2232294, EPI_ISL_2232295, EPI_ISL_2232298, EPI_ISL_2232299, EPI_ISL_223300, EPI_ISL_223301, EPI_ISL_223303, EPI_ISL_223307, EPI_ISL_223308, EPI_ISL_223309, EPI_ISL_223310, EPI_ISL_223311, EPI_ISL_223312, EPI_ISL_223313, EPI_ISL_223314, EPI_ISL_223315, EPI_ISL_223316, EPI_ISL_223317, EPI_ISL_223318, EPI_ISL_223319, EPI_ISL_223320, EPI_ISL_223321, EPI_ISL_223322, EPI_ISL_223323, EPI_ISL_223324, EPI_ISL_223333, EPI_ISL_223334, EPI_ISL_223335, EPI_ISL_223336, EPI_ISL_223338, EPI_ISL_223339, EPI_ISL_223340, EPI_ISL_223341, EPI_ISL_223342, EPI_ISL_223357, EPI_ISL_223358, EPI_ISL_223359, EPI_ISL_223360, EPI_ISL_223361, EPI_ISL_223362, EPI_ISL_223363, EPI_ISL_223364, EPI_ISL_223365, EPI_ISL_223366, EPI_ISL_223367, EPI_ISL_223368, EPI_ISL_223369, EPI_ISL_223370, EPI_ISL_223371, EPI_ISL_223372, EPI_ISL_223373, EPI_ISL_223374, EPI_ISL_223375, EPI_ISL_223376, EPI_ISL_223377, EPI_ISL_223378, EPI_ISL_223379, EPI_ISL_223380, EPI_ISL_223381, EPI_ISL_223382, EPI_ISL_223383, EPI_ISL_223384, EPI_ISL_223385, EPI_ISL_223386, EPI_ISL_223387, EPI_ISL_223388, EPI_ISL_223389, EPI_ISL_223390, EPI_ISL_223391, EPI_ISL_223392, EPI_ISL_223393, EPI_ISL_223394, EPI_ISL_223395, EPI_ISL_223396, EPI_ISL_223397, EPI_ISL_223398, EPI_ISL_223399, EPI_ISL_223400, EPI_ISL_223401, EPI_ISL_223402, EPI_ISL_223403, EPI_ISL_223404, EPI_ISL_2380050, EPI_ISL_2380051, EPI_ISL_2380052, EPI_ISL_2380053, EPI_ISL_2380054, EPI_ISL_2380057, EPI_ISL_2380076, EPI_ISL_2380077, EPI_ISL_2380078, EPI_ISL_2380079, EPI_ISL_2380080, EPI_ISL_2380081, EPI_ISL_2380082, EPI_ISL_2380083, EPI_ISL_2380084, EPI_ISL_2380085, EPI_ISL_2380086, EPI_ISL_2380087, EPI_ISL_2380088, EPI_ISL_2380089, EPI_ISL_2380090, EPI_ISL_2380091, EPI_ISL_2380092, EPI_ISL_2380093, EPI_ISL_2380094, EPI_ISL_2380095, EPI_ISL_2380096, EPI_ISL_2380097, EPI_ISL_2380098			Ahmed E Kayed; Ahmed El-Taweel; Ahmed Kandell; Ahmed Mostafa; Ghazi Kayali; Mahmoud Shehata; Mina Kamei; Mohamed Ahmed Ali; Mohamed El Sayes; Mokhtar Goma; Noura M Abo Shama; Omnia Kutkat; Raheb El-Shesheny; Richard Webby; Sara Mahmoud; Yassin Moatasim
see above	Center of Scientific Excellence for Influenza Viruses (CSEIV), National Research Centre	Center of Scientific Excellence for Influenza Viruses (CSEIV), National Research Centre	Krishna Kumar Kandaswamy; Peter Bauer; Yivi Hue-Trang Lieu
EPI_ISL_815255	Centogene	Centogene	May Abdelfattah; May Sherif Soliman; Ramy Karam Aziz
EPI_ISL_794597, EPI_ISL_794598, EPI_ISL_794601	Central Laboratories, Egyptian Ministry of Health and Population	Central Laboratories, Egyptian Ministry of Health and Population	A.E.; Ali; El Guindy; El Sayes; El Taweel, A.; El-Shesheny, R.; Gomma, M.; Kamel; Kandell, A.; Kayali, G.; Kayed; Khalifa; Kutkat, O.; M.A.; M.K.; M.N.; Mahmoud; Mahrous, N.; Moatasim, Y.; Mostafa, A.; N.M.; Naugib, A.; Roshdy; S.H.; Saleh, M.; Shawky, S.; Shehata, M.; W.H.
EPI_ISL_529032	Central Molecular Microbiology Laboratory and Next Generation Sequencing Reference Laboratory, Clinical and Chemical Pathology Department, Faculty of Medicine, CAIRO UNIVERSITY	Next Generation Sequencing Reference Laboratory, Faculty of Medicine, CAIRO UNIVERSITY and The Center for Genome and Microbiome Research, Faculty of Pharmacy, CAIRO UNIVERSITY	
EPI_ISL_1357603	Centre For Biotechnology Research And Development	THE AFRICA GENOMICS CENTRE AND CONSULTANCY	Adede Hawi; Cecilia Waruhii; Damaris Matoke-Muhia; George Michuki; John Njuguna; Lilian Kanjau; Ravena Mubichi
EPI_ISL_1357597	Centre For Biotechnology Research And Development	THE AFRICA GENOMICS CENTRE AND CONSULTANCY LIMITED	Adede Hawi; Cecilia Waruhii; Damaris Matoke-Muhia; George Michuki; John Njuguna; Lilian Kanjau; Ravena Mubichi
EPI_ISL_4255133, EPI_ISL_4255134, EPI_ISL_4255135, EPI_ISL_4255136, EPI_ISL_4255137, EPI_ISL_4255138, EPI_ISL_4255139			
see above	Centre Hospitalier Universitaire de Bogodogo	Africa Centre for Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	A.T.; Abechi; Ajogbasile; Akano; C.A.; C.T.; Eromon; F.V.; Folarin, O.; Happi; I.B.; J.N.; J.U.; K.O.; Kayode; Nosamiefan, I.; Oguzie; Olawoye; Olumade; Oluniyi; P.E.; P.S.; T.J.; Ugwu; Uwanibe
EPI_ISL_4255006, EPI_ISL_4255007, EPI_ISL_4255008, EPI_ISL_4255023, EPI_ISL_4255027, EPI_ISL_4255033	Centre Hospitalier Universitaire de Tengandogo	Africa Centre for Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	A.T.; Abechi; Ajogbasile; Akano; C.A.; C.T.; Eromon; F.V.; Folarin, O.; Happi; I.B.; J.N.; J.U.; K.O.; Kayode; Nosamiefan, I.; Oguzie; Olawoye; Olumade; Oluniyi; P.E.; P.S.; T.J.; Ugwu; Uwanibe
EPI_ISL_1299491, EPI_ISL_1299495	Centre Hospitalo Universitaire Sourou Sanou	Centre Muraz	Abdoul-Salam Ouedraogo; Ange Badjo; Armel Poda; Arsène Somé; Arsène Zongo; Essia Belarbi; Fabian Leendertz; Firmin Kaboré; Grit Schubert; Jasmin Schlötterbeck; Soumeiya Ouangraoua; Thérèse Kagone; Yacouba Sawadogo
EPI_ISL_788933, EPI_ISL_788934, EPI_ISL_788935, EPI_ISL_788936, EPI_ISL_788937, EPI_ISL_788938	Centre de Recherche et de Formation en Infectiologie Guinée	TransVHMI, IRD/INSERM/Monpellier University	Abdoul Karim SOUMAH; Abdoulaye TOURE; Ahidjo AYOUBA; Ailmou CAMARA; Alpha Kabinet KEITA; Bouna; Bouna Yatassaye; Christelle BUTEL; Eric DELAPORTE; Jean-louis MONEMOU; Joel KOIVOGUI; Kaba KOUROUMA; Laetitia SERRANO; Mamadou Bhoeye KEITA; Mamadou Saliou BAH; Mamadou Saliou SOW; Mandiou DIAKITE; Martine PEETERS; Moriba POVOGOU; Penda Malhado DIALLO; Sakoba KEITA
EPI_ISL_2097223, EPI_ISL_2156822, EPI_ISL_2156825	Centre de Recherches Médicales de Lambaréné (CERMEL)	Centre de Recherches Médicales de Lambaréné (CERMEL)	Bertrand Lel and Ayola Akim Adenigka; Georgelin Nguela Ondo; Gédéon Prince Manouana; Jean Bernard Lekana-Douki; Joël-Frédja Diouba Siawaya; Moustapha Nzamba Maloum; Rodrigue Bikangui; Sam O'neilla Oye Bingono; Samira Zoa Assoumou; Srinivas Reddy Pallerla; Stefan Bormann; Thirumalaisamy P. Velavan
EPI_ISL_2968035, EPI_ISL_2968036, EPI_ISL_2968037, EPI_ISL_2968038, EPI_ISL_2968039, EPI_ISL_2968040, EPI_ISL_2968041, EPI_ISL_2968042, EPI_ISL_2968043, EPI_ISL_2968044, EPI_ISL_2968045, EPI_ISL_2968046, EPI_ISL_2968047, EPI_ISL_2968048, EPI_ISL_2968049, EPI_ISL_2968050, EPI_ISL_2968051, EPI_ISL_2968052, EPI_ISL_2968053			
see above	Centre de Virologie des Maladies infectueuses Tropicales	Functional Genomic Platform UATRS-biology, CNRST	; Ahmed REGGAD; ELOUENNASS; Elmostafa EL FAHIME; Hemlali Moushine; Hicham EL ANNAZ; Idriss-Amine LAHLOU; Khalid ENNIBI; Khalid ENNIBI Mostafa; Marouane MELLOUL; Mly Abdelaziz ELALAOUI; Mostafa ELOUENNASS; Nadia TOULI; Rachid Abi; Rida TAGAJIDD; Safae ELKOCHE; Sanaa ALAOUI-Amine; Youssef AKHOUD; Zohour

KASMY			
EPI_ISL_2351932, EPI_ISL_2398288, EPI_ISL_2398290, EPI_ISL_2501079, EPI_ISL_2501080, EPI_ISL_2501082, EPI_ISL_2501083, EPI_ISL_2501085, EPI_ISL_2501086, EPI_ISL_2502018, EPI_ISL_2502020, EPI_ISL_2502021, EPI_ISL_2502022, EPI_ISL_2502025	see above	Centre for Human Virology and Genomics, Microbiology Department, Nigerian Institute of Medical Research	Central Research Laboratory, Nigerian Institute of Medical Research
EPI_ISL_636981	City of Chimoio	KRISP, KZN Research Innovation and Sequencing Platform	
EPI_ISL_640068	Clinic-in-Asla	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640015, EPI_ISL_640118, EPI_ISL_700414, EPI_ISL_700506, EPI_ISL_3207510, EPI_ISL_3957789	Conville CDC wc CVC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Rageema Joseph; Stephen Korsman
EPI_ISL_640029, EPI_ISL_640048	D'Almeida Clinic wc DAL	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2779352, EPI_ISL_2779449, EPI_ISL_2779474, EPI_ISL_2779483, EPI_ISL_2779484, EPI_ISL_2779485, EPI_ISL_2779487, EPI_ISL_2779524, EPI_ISL_2779542, EPI_ISL_2779543	DFMH	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
see above			
EPI_ISL_884826, EPI_ISL_884827, EPI_ISL_884828, EPI_ISL_884829, EPI_ISL_884830, EPI_ISL_884831, EPI_ISL_884832, EPI_ISL_884833, EPI_ISL_884834, EPI_ISL_884835, EPI_ISL_884836, EPI_ISL_884837, EPI_ISL_884838, EPI_ISL_884839, EPI_ISL_884840, EPI_ISL_884841, EPI_ISL_884842, EPI_ISL_884843, EPI_ISL_884844, EPI_ISL_884845, EPI_ISL_884846, EPI_ISL_884847, EPI_ISL_884848, EPI_ISL_884849, EPI_ISL_884850, EPI_ISL_884851, EPI_ISL_884852, EPI_ISL_884853, EPI_ISL_884854, EPI_ISL_884855, EPI_ISL_884856	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	A.-K.; A.B.; Abass; Akoriyea; Amenga-Etego; Amoako, E.; Amuzu; Awandare; Bediako, Y.; Boakye, C.M.; D.S.; Diallo, G.A.; J.M.; Kibinge, N.; Kumi-Ansah, F.; L.N.; Magnusson, V.; Mohammed, A.; Morang'a; Ngoi, O.D.; Odoom, T.; Quashie, P.; S.K.; Tapela, K.; Tei-Maya, F.
EPI_ISL_855557, EPI_ISL_855558, EPI_ISL_855559, EPI_ISL_855560, EPI_ISL_855561, EPI_ISL_855562, EPI_ISL_855563, EPI_ISL_855564, EPI_ISL_855565, EPI_ISL_855566, EPI_ISL_855567, EPI_ISL_855568, EPI_ISL_855569, EPI_ISL_855570, EPI_ISL_855571, EPI_ISL_855572	Department of Virology, Principal Military Hospital of Instruction of Tunis	Bundeswehr Institute of Microbiology	Habiba Naija; Kilian Stoecker; Malena Bestehorn-Willmann; Markus H. Antwerpen; Mathias C. Walter; Roman Wöfler & Mohamed Ben Moussa; Simone Eckstein; Susann Handrick
EPI_ISL_2876349, EPI_ISL_2876350, EPI_ISL_2876351	Division of Medical Virology, National Health Laboratory Service (NHLS), Tygerberg Hospital / Stellenbosch University	Division of Medical Virology, National Health Laboratory Service (NHLS), Tygerberg Hospital / Stellenbosch University	Bronwyn Kleinhans; Gert van Zyl; Susan Engelbrecht; Tania Stander; Tongai Maponga; Wolfgang Preiser
EPI_ISL_3066385, EPI_ISL_3066387, EPI_ISL_3066389, EPI_ISL_3066391, EPI_ISL_3066393	Division of Medical Virology, National Health Laboratory Service (NHLS), Tygerberg Hospital / Stellenbosch University	Division of Medical Virology, Stellenbosch University and NHLS Tygerberg Hospital	Bronwyn Kleinhans; Gert van Zyl; Menzi Nkosi; Susan Engelbrecht; Wolfgang Preiser
EPI_ISL_960160, EPI_ISL_960161	Dr Abdurahman CDC wc DAC	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640024, EPI_ISL_2621084	Dysseldorp Clinic wc DDC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2447778, EPI_ISL_2447779, EPI_ISL_2447780, EPI_ISL_2447781, EPI_ISL_2447782, EPI_ISL_2447783, EPI_ISL_2447784, EPI_ISL_2447786	see above		
EPI_ISL_712077, EPI_ISL_712078, EPI_ISL_712092	East London Laboratory	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
	East London NHLS Laboratory, Eastern Cape, South Africa	National Institute for Communicable Diseases of the National Health Laboratory Service	Allam M; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N
EPI_ISL_2271972	Edendale Gateway Clinic	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_475723, EPI_ISL_475724, EPI_ISL_477161, EPI_ISL_478672, EPI_ISL_479686, EPI_ISL_479687, EPI_ISL_479688, EPI_ISL_479689, EPI_ISL_479690, EPI_ISL_479691, EPI_ISL_479692, EPI_ISL_479693, EPI_ISL_479694, EPI_ISL_479695, EPI_ISL_479696, EPI_ISL_479697, EPI_ISL_479698, EPI_ISL_479699, EPI_ISL_479700, EPI_ISL_479701, EPI_ISL_479702, EPI_ISL_479703, EPI_ISL_479704, EPI_ISL_479705, EPI_ISL_479706, EPI_ISL_479707, EPI_ISL_479708, EPI_ISL_479709, EPI_ISL_479710, EPI_ISL_479711, EPI_ISL_479712, EPI_ISL_479713, EPI_ISL_479714, EPI_ISL_479715, EPI_ISL_479716, EPI_ISL_479717, EPI_ISL_479718, EPI_ISL_479719, EPI_ISL_479720, EPI_ISL_479721, EPI_ISL_479722, EPI_ISL_479723, EPI_ISL_479724, EPI_ISL_479725, EPI_ISL_479726, EPI_ISL_479727, EPI_ISL_479728, EPI_ISL_479729, EPI_ISL_479730, EPI_ISL_479731, EPI_ISL_479732, EPI_ISL_479733, EPI_ISL_479734, EPI_ISL_479735, EPI_ISL_524426, EPI_ISL_524427, EPI_ISL_529141, EPI_ISL_529142, EPI_ISL_529143, EPI_ISL_529144, EPI_ISL_529145	Egyptian National Cancer Institute (ENCI)	Egyptian National Cancer Institute (ENCI)	
see above			A.A.; A.N.; Abdel Rahman N; Abdel Rahman N.; Abdelhamid, W.; Abouelhoda; Abouelhoda, M.; Ahmed; Ali; Ali, M.; Amer; Bahnassy; Elkhatteeb; Elsisy; Ezzelarab; Gad, A.; H.K.; Hafez; Hamdy; Hassan; Hassan, W.; K.E.; Khattab; M.A.; M.H.; M.M.; M.S.; Mahmoud; Mohamed; O.S.; Raouf, A.; S.M.; Samir, M.; Soliman; W.A.; Zekri
EPI_ISL_640064	Ethembeni Clinic (Prieska)	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640033, EPI_ISL_640116, EPI_ISL_640121, EPI_ISL_640123, EPI_ISL_640124, EPI_ISL_640125	False Bay Hospital wc FBH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_581455, EPI_ISL_581487, EPI_ISL_581489, EPI_ISL_581490, EPI_ISL_581491, EPI_ISL_581492, EPI_ISL_581493	see above		
EPI_ISL_2779422, EPI_ISL_2779423	Fondation Congolaise pour la recherche medicale (FCRM)	NGS Competence Center Tübingen, Institut für Medizinische Mikrobiologie und Hygiene, Universitätsklinikum Tübingen	Angel Angelov
	GK Prison Busia (Matayo)Matayos Prison	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_812788, EPI_ISL_812795, EPI_ISL_812796, EPI_ISL_812797, EPI_ISL_812798, EPI_ISL_812801, EPI_ISL_812802, EPI_ISL_812803, EPI_ISL_812804, EPI_ISL_812805, EPI_ISL_812806, EPI_ISL_812807, EPI_ISL_812808, EPI_ISL_812809, EPI_ISL_812810, EPI_ISL_812811, EPI_ISL_812812, EPI_ISL_812813, EPI_ISL_812814, EPI_ISL_812815, EPI_ISL_812816, EPI_ISL_812817, EPI_ISL_812818, EPI_ISL_812819, EPI_ISL_812820, EPI_ISL_812821, EPI_ISL_812822, EPI_ISL_812823, EPI_ISL_812824, EPI_ISL_812825, EPI_ISL_812826, EPI_ISL_812827, EPI_ISL_812828, EPI_ISL_812829, EPI_ISL_812830, EPI_ISL_812831, EPI_ISL_812832, EPI_ISL_812833, EPI_ISL_812834, EPI_ISL_812835, EPI_ISL_812836, EPI_ISL_812837, EPI_ISL_812838, EPI_ISL_812839, EPI_ISL_812840, EPI_ISL_812841, EPI_ISL_812842, EPI_ISL_812843, EPI_ISL_812844, EPI_ISL_812845, EPI_ISL_812846, EPI_ISL_812847, EPI_ISL_812848, EPI_ISL_812849, EPI_ISL_812850, EPI_ISL_812851, EPI_ISL_812852, EPI_ISL_812853, EPI_ISL_812854, EPI_ISL_812855, EPI_ISL_812856, EPI_ISL_812857, EPI_ISL_812858, EPI_ISL_812859, EPI_ISL_812860, EPI_ISL_812861, EPI_ISL_812862, EPI_ISL_812863, EPI_ISL_812864, EPI_ISL_812865, EPI_ISL_812866, EPI_ISL_812867, EPI_ISL_812868, EPI_ISL_812869, EPI_ISL_812870, EPI_ISL_812871, EPI_ISL_812872	Genomics Program, Children Cancer Hospital	Genomics Program, Children Cancer Hospital	Abdo, I.; Abouelnaga, S.; Amer, K.; Bakry, U.; Diab, A.; El-Shaqqery, H.; El-Zayat, M.; Farawilya, H.; Gomaa, C.; Hadad, A.; Halafawy, A.; Hammad, M.; Hassan, R.; Hassan, W.; Hatem, A.; Hussein, S.; Jalal, D.; Magdeldin, S.; Mansour, T.; Monuir, G.; Salah, H.; Samir, O.; Sayed, A.; Soliman, M.; Soliman, S.; shalaby, L
EPI_ISL_640016, EPI_ISL_640027, EPI_ISL_2802110	George Hospital wc GRH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640049	George Road Sat Clinic wc GWM	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2621056, EPI_ISL_2621086, EPI_ISL_3207529	Great Brak River Clinic wc GBC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Lynn Tyers; Marvin Hsiao; Rageema Joseph; Stephen Korsman
EPI_ISL_960149	Great Brak River Clinic wc GBC	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640066, EPI_ISL_640067, EPI_ISL_640084, EPI_ISL_640111, EPI_ISL_640112, EPI_ISL_640119, EPI_ISL_640120, EPI_ISL_640122, EPI_ISL_640128, EPI_ISL_640129, EPI_ISL_640130, EPI_ISL_640131, EPI_ISL_640132, EPI_ISL_700493, EPI_ISL_700507, EPI_ISL_700534, EPI_ISL_700577, EPI_ISL_1040801, EPI_ISL_1040802, EPI_ISL_1040804, EPI_ISL_1040807, EPI_ISL_1040808, EPI_ISL_1040811, EPI_ISL_1040812, EPI_ISL_1040813, EPI_ISL_1040815, EPI_ISL_1817754, EPI_ISL_2876939, EPI_ISL_3207531, EPI_ISL_3957788	Heideveld CDC wc HVP	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Rageema Joseph; Stephen Korsman
see above	Groote Schuur Hospital wc GSH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640069, EPI_ISL_640070, EPI_ISL_640071, EPI_ISL_1040805	Guguletu CHC wc GDH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_960154, EPI_ISL_960155, EPI_ISL_960156, EPI_ISL_960157, EPI_ISL_960158, EPI_ISL_960163, EPI_ISL_960167	see above		
EPI_ISL_636975, EPI_ISL_636976, EPI_ISL_636977, EPI_ISL_636978, EPI_ISL_636979	Guguletu CHC wc GDH	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_1040809	HP Pemba	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J; Ismael N; Nadia Siteo; Nedio Mabunda; Paulo Arnaldo; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_960165	Hanover Park CHC wc HPH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640018	Hanover Park CHC wc HPH	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_960164, EPI_ISL_960168, EPI_ISL_960169, EPI_ISL_960170	Heidelberg Clinic wc HBC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_700559, EPI_ISL_1040803, EPI_ISL_1040806, EPI_ISL_1040810, EPI_ISL_3207530	Heideveld CDC wc HVP	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_960153, EPI_ISL_960162, EPI_ISL_960166	Heideveld Emergency Centre	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Rageema Joseph; Stephen Korsman
EPI_ISL_2271973, EPI_ISL_2271974	Heideveld Emergency Centre	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_700565, EPI_ISL_700571	Helen Joseph	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_700558	Herbertsdale Sat Clinic wc HBD	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
	Hornlee Clinic wc HLC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_537728, EPI_ISL_561372, EPI_ISL_1716630, EPI_ISL_1716631, EPI_ISL_1716632, EPI_ISL_1716633, EPI_ISL_1716634, EPI_ISL_1716635, EPI_ISL_1716636, EPI_ISL_1716637, EPI_ISL_1716638, EPI_ISL_1716639, EPI_ISL_1716640, EPI_ISL_1716641, EPI_ISL_1716642, EPI_ISL_1716643, EPI_ISL_1841385, EPI_ISL_1841386, EPI_ISL_1841387, EPI_ISL_1841388, EPI_ISL_1841389, EPI_ISL_1841390, EPI_ISL_1841391, EPI_ISL_1939341, EPI_ISL_1939342, EPI_ISL_1939343, EPI_ISL_1939344, EPI_ISL_1939345, EPI_ISL_1939346, EPI_ISL_1939347, EPI_ISL_1939348, EPI_ISL_1939349, EPI_ISL_1939350, EPI_ISL_1939351, EPI_ISL_1939352, EPI_ISL_1939353, EPI_ISL_1939354, EPI_ISL_1939355, EPI_ISL_1939356, EPI_ISL_1939357, EPI_ISL_1939358, EPI_ISL_1939359, EPI_ISL_1939360, EPI_ISL_1939361, EPI_ISL_1939362, EPI_ISL_1939363, EPI_ISL_1939364, EPI_ISL_1939365, EPI_ISL_1939366, EPI_ISL_1939367, EPI_ISL_1939368, EPI_ISL_1939369, EPI_ISL_1939370, EPI_ISL_1939371, EPI_ISL_1939372, EPI_ISL_1939373, EPI_ISL_1939374, EPI_ISL_1939375, EPI_ISL_1939376, EPI_ISL_1939377, EPI_ISL_1939378, EPI_ISL_1939379, EPI_ISL_1939380, EPI_ISL_1939381, EPI_ISL_1939382, EPI_ISL_1939383	Hospital Universitario de Gran Canaria Dr. Negrín	SeqCOVID-SPAIN consortium/IBV(CSIC)	
see above			Ana Bordes Benítez and SeqCOVID-SPAIN consortium; Francisco J. Chamizo López; M. Carmen Pérez González

EPI_ISL_710532	Hôpital Fattouma-Bourguiba de Monastir	Laboratoire des Procédés de Criblage Moléculaire et Cellulaire-Centre de Biotechnologie de Sfax	A. and Masmodi, S.; Abdelmoulah, F.; Abid, N.; Ajili, F.; Aouni, M.; Ben Ayed, I.; Bensaid, M.; Chtourou, A.; Elargoubi, A.; Fki-berrajah, L.; Gaaloul, I.; Gargouri, S.; Hammami, A.; Kamoun, S.; Karraay Hakim, H.; Kharat, N.; Mastouri, M.; Mhalla, S.; Nabli, A.; Rebai, S.; Sméti, I.; Souissi, A.; Stambouli, N.; Turki, M.
EPI_ISL_1630267, EPI_ISL_1630268, EPI_ISL_1630269	IRESSEF	Abbott	Adbou Padane; Ambrose Ahouidi; Aminata Dia; Aminata MBOUP; Ana Olivo; Anna Julienne selbe NDIAye; Barbara Harris; Cyrille Diedhiou; Gavin Cloherty; Mary Rodgers; Moustapha Mbow; Nafissatou Leye; Ndeye Diabou Diagne; Papa Alassane Diaw; Souleymane Mbow; Todd Meyer
EPI_ISL_1434443, EPI_ISL_1435763, EPI_ISL_1436817, EPI_ISL_1437749, EPI_ISL_1438551	Institut National d'Hygiène	Unité Mixte Internationale TransVIHMI (UMI 233 IRD – U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)	Abla A. KONOU; Adodo SADJi; Ahidjo AYOUBA; Akoléï SILIADIN; Alassane OURO-MEDELI; Amivi EHLAN; Améyo DORKENO; Anoumou DAGNRA; Christelle BUTEL; Déléma MABA; Eric DELAPORTE; Issaka Maman; Kokou TEGUENI; Laetitia SERRANO; Martine PEETERS; Messanh DOUFFAN; Mireille PRINCE-DAVID; Mounerou SALOU; Sidonie A.M.KAGNISSODE; Sika DOSSIM; Wembo A. HALATOKO
EPI_ISL_1443002, EPI_ISL_1443003	Institut National d'hygiène	"Unité Mixte Internationale TransVIHMI (UMI 233 IRD – U1175 INSERM - Université de Montpellier) IRD (Institut de recherche pour le développement)"	Abla A. KONOU; Adodo SADJi; Ahidjo AYOUBA; Akoléï SILIADIN; Alassane OURO-MEDELI; Amivi EHLAN; Améyo DORKENO; Anoumou DAGNRA; Christelle BUTEL; Déléma MABA; Eric DELAPORTE; Issaka Maman; Kokou TEGUENI; Laetitia SERRANO; Martine PEETERS; Messanh DOUFFAN; Mireille PRINCE-DAVID; Mounerou SALOU; Sidonie A.M.KAGNISSODE; Sika DOSSIM; Wembo A. HALATOKO
EPI_ISL_1445275, EPI_ISL_2279498	Institut National d'Hygiène (INH)	Unité Mixte Internationale TransVIHMI (UMI 233 IRD – U1175 INSERM - Université de Montpellier)IRD (Institut de recherche pour le développement)	Abla A. KONOU; Adodo SADJi; Ahidjo AYOUBA; Akoléï SILIADIN; Alassane OURO-MEDELI; Amivi EHLAN; Améyo DORKENO; Anoumou DAGNRA; Christelle BUTEL; Déléma MABA; Eric DELAPORTE; Issaka Maman; Kokou TEGUENI; Laetitia SERRANO; Martine PEETERS; Messanh DOUFFAN; Mireille PRINCE-DAVID; Mounerou SALOU; Sidonie A.M.KAGNISSODE; Sika DOSSIM; Wembo A. HALATOKO
EPI_ISL_485712	Institut Pasteur	Institut Pasteur de Dakar	Amadou Alpha Sall.; Mamadou Malado Jallow; Mamadou diop; Marie Henriette Dior Ndione; Moussa Moise Diagne; Ndongo Dia; Ousmane Faye; Safietou Sanke
EPI_ISL_476148, EPI_ISL_476149, EPI_ISL_476150, EPI_ISL_476151, EPI_ISL_476491, EPI_ISL_476492, EPI_ISL_476493, EPI_ISL_476494, EPI_ISL_476495, EPI_ISL_476497, EPI_ISL_476514, EPI_ISL_476515, EPI_ISL_476516, EPI_ISL_476558, EPI_ISL_476560, EPI_ISL_476562, EPI_ISL_476564, EPI_ISL_476569, EPI_ISL_476570, EPI_ISL_476572, EPI_ISL_476574, EPI_ISL_477142, EPI_ISL_477143, EPI_ISL_477144, EPI_ISL_477145, EPI_ISL_477146, EPI_ISL_477147, EPI_ISL_477148, EPI_ISL_477149, EPI_ISL_477150, EPI_ISL_477151, EPI_ISL_477152, EPI_ISL_477153, EPI_ISL_477154, EPI_ISL_477155, EPI_ISL_477156, EPI_ISL_477157, EPI_ISL_477158, EPI_ISL_477159, EPI_ISL_482874, EPI_ISL_482876, EPI_ISL_482877, EPI_ISL_482878, EPI_ISL_485635, EPI_ISL_485708, EPI_ISL_485710, EPI_ISL_485711, EPI_ISL_485713, EPI_ISL_485715, EPI_ISL_485716, EPI_ISL_485717	Institut Pasteur de Dakar	Amadou Alpha Sall.; Mamadou Alpha Sall.; Amadou alpha Sall; Mamadou Diop; Mamadou Malado Jallow; Mamadou diop; Mamadou malado Jallow; Marie Henriette Dior Ndione; Moussa Moise; Moussa Moise Diagne; Ndongo Dia; Ousmane Faye; Ousmane faye; Safietou Sanke; Safietou Sanke; mamadou Diop	
EPI_ISL_498240, EPI_ISL_498241, EPI_ISL_498242, EPI_ISL_498243, EPI_ISL_498244, EPI_ISL_498245, EPI_ISL_498246, EPI_ISL_498247, EPI_ISL_498248, EPI_ISL_498249, EPI_ISL_498250, EPI_ISL_498251, EPI_ISL_498252	Institut Pasteur de Dakar	Institut Pasteur de Dakar	Amadou Alpha Sall.; Mamadou Diop; Mamadou Malado Jallow; Marie Henriette Dior Ndione; Moussa Moise Diagne; Ndongo Dia; Ousmane Faye; Safietou Sanke Mbengue
EPI_ISL_2245805, EPI_ISL_2245806, EPI_ISL_2245807, EPI_ISL_2245808, EPI_ISL_2245809, EPI_ISL_2245810, EPI_ISL_2245811, EPI_ISL_2245812, EPI_ISL_2245813, EPI_ISL_2245815, EPI_ISL_2245816, EPI_ISL_2245817, EPI_ISL_2245819, EPI_ISL_2245820, EPI_ISL_2245821, EPI_ISL_2245822, EPI_ISL_2245823, EPI_ISL_2245824, EPI_ISL_2245825, EPI_ISL_2245826, EPI_ISL_2245827, EPI_ISL_2245829, EPI_ISL_2245830, EPI_ISL_2245831, EPI_ISL_2245832, EPI_ISL_2245833, EPI_ISL_2245834, EPI_ISL_2245835, EPI_ISL_2245836, EPI_ISL_2245837, EPI_ISL_2245838, EPI_ISL_2245839, EPI_ISL_2245840, EPI_ISL_2245841, EPI_ISL_2245842, EPI_ISL_2245843, EPI_ISL_2245844, EPI_ISL_2245845, EPI_ISL_2245846, EPI_ISL_2245847, EPI_ISL_2245848, EPI_ISL_2245849, EPI_ISL_2245850, EPI_ISL_2245851, EPI_ISL_2245852, EPI_ISL_2245853, EPI_ISL_2245854, EPI_ISL_2245855, EPI_ISL_2245856, EPI_ISL_2245857, EPI_ISL_2245858, EPI_ISL_2245859, EPI_ISL_2245860, EPI_ISL_2245861, EPI_ISL_2245862, EPI_ISL_2245863, EPI_ISL_2245864, EPI_ISL_2245865, EPI_ISL_2245866, EPI_ISL_2245867, EPI_ISL_2245868, EPI_ISL_2245869, EPI_ISL_2245870, EPI_ISL_2245871, EPI_ISL_2245872, EPI_ISL_2245873, EPI_ISL_2245874, EPI_ISL_2245875, EPI_ISL_2245876, EPI_ISL_2245877, EPI_ISL_2245878, EPI_ISL_2245879, EPI_ISL_2245880, EPI_ISL_2245881, EPI_ISL_2245882, EPI_ISL_2245883, EPI_ISL_2245884, EPI_ISL_2245885, EPI_ISL_2245886, EPI_ISL_2245887, EPI_ISL_2245888, EPI_ISL_2245889, EPI_ISL_2245890, EPI_ISL_2245891, EPI_ISL_2245892, EPI_ISL_2245893, EPI_ISL_2245894, EPI_ISL_2245895, EPI_ISL_2245896, EPI_ISL_2245897, EPI_ISL_2245898, EPI_ISL_2245899, EPI_ISL_2245900, EPI_ISL_2245901, EPI_ISL_2245902, EPI_ISL_2245903, EPI_ISL_2245904, EPI_ISL_2245905, EPI_ISL_2245906, EPI_ISL_2245907, EPI_ISL_2245908, EPI_ISL_2245909, EPI_ISL_2245910, EPI_ISL_2245911, EPI_ISL_2245912, EPI_ISL_2245913, EPI_ISL_2245914, EPI_ISL_2245915, EPI_ISL_2245916, EPI_ISL_2245917, EPI_ISL_2245918, EPI_ISL_2245919, EPI_ISL_2245920, EPI_ISL_2245921, EPI_ISL_2245922, EPI_ISL_2245923, EPI_ISL_2245924, EPI_ISL_2245925, EPI_ISL_2245926, EPI_ISL_2245927, EPI_ISL_2245928, EPI_ISL_2245929, EPI_ISL_2245930, EPI_ISL_2245931, EPI_ISL_2245932, EPI_ISL_2245933, EPI_ISL_2245934, EPI_ISL_2245935, EPI_ISL_2245936, EPI_ISL_2245937, EPI_ISL_2245938, EPI_ISL_2245939, EPI_ISL_2245940, EPI_ISL_2245941, EPI_ISL_2245942, EPI_ISL_2245943, EPI_ISL_2245944, EPI_ISL_2245945, EPI_ISL_2245946, EPI_ISL_2245947, EPI_ISL_2245948, EPI_ISL_2245949, EPI_ISL_2245950, EPI_ISL_2245951, EPI_ISL_2245952, EPI_ISL_2245953, EPI_ISL_2245954, EPI_ISL_2245955, EPI_ISL_2245956, EPI_ISL_2245957, EPI_ISL_2245958, EPI_ISL_2245959, EPI_ISL_2245960, EPI_ISL_2245961, EPI_ISL_2245962, EPI_ISL_2245963, EPI_ISL_2245964, EPI_ISL_2245965	Institut Pasteur de Guinée	Dia Ndongo; Diagne Moussa Moise; Diallo Amadou; Diop Mamadou; Faye Ousmane; Grayo Solene; Loucoubar Cheikh; Maimouna Mbanne; Mbengue Safietou Sankhe; Mohamed Kane; NDIAye Ndack; Sall Amadou Alpha; Tordo Noel	
EPI_ISL_476566	Institut pasteur Dakar	Institut Pasteur de Dakar	Amadou Alpha Sall; Mamadou Diop; Moussa Moise Diagne; Ndongo Dia; Ousmane Faye
EPI_ISL_1827861, EPI_ISL_1827864, EPI_ISL_1827865, EPI_ISL_1827866, EPI_ISL_1827867, EPI_ISL_1827868, EPI_ISL_1827869, EPI_ISL_1827870, EPI_ISL_1827874, EPI_ISL_1827875, EPI_ISL_1827876, EPI_ISL_1827878, EPI_ISL_1827879, EPI_ISL_1827881, EPI_ISL_1827882, EPI_ISL_1827883, EPI_ISL_1827884, EPI_ISL_1827889, EPI_ISL_1827890, EPI_ISL_1827894, EPI_ISL_1827938, EPI_ISL_1827939, EPI_ISL_1827938, EPI_ISL_1827939, EPI_ISL_1827942, EPI_ISL_1827946, EPI_ISL_1827948	Institute for Health Research, Epidemiological Surveillance and Training (IRESSEF)	Abbott Laboratories	Adbou Padane; Ambrose Ahouidi; Aminata Dia; Aminata MBOUP; Ana Olivo; Anna Julienne selbe NDIAye; Barbara Harris; Cyrille Diedhiou; Gavin Cloherty; Mary Rodgers; Moustapha Mbow; Nafissatou Leye; Ndeye Diabou Diagne; Papa Alassane Diaw; Souleymane Mbow; Todd Meyer
EPI_ISL_2492649, EPI_ISL_2492777, EPI_ISL_2492827, EPI_ISL_2492846, EPI_ISL_2492921, EPI_ISL_2492942, EPI_ISL_2492951, EPI_ISL_2493013, EPI_ISL_2493018, EPI_ISL_2493020, EPI_ISL_2685956, EPI_ISL_2685958, EPI_ISL_2685959, EPI_ISL_2685960, EPI_ISL_2685961, EPI_ISL_2685962, EPI_ISL_2685982, EPI_ISL_2685983	Instituto Nacional de Investigación em Saúde	CERI, Centre for Epidemic Response and Innovation, Stellenbosch University and KRISP, KZN Research Innovation and Sequencing Platform, UKZN.	Afonso P; David K; Emmanuel SJ; Freitas RH; Giandhari J; Inglês L; Lutucuta S; Miranda J; Morais J; Mufinda M; Naidoo Y; Neto Z; Paulo A Carralero RR Paixão JP; Pereira A; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_1347896, EPI_ISL_1347897, EPI_ISL_1347898	Instituto Nacional de Investigación em Saúde	KRISP, KZN Research Innovation and Sequencing Platform	Afonso P; David K; Emmanuel SJ; Freitas RH; Giandhari J; Inglês L; Lutucuta S; Miranda J; Morais J; Mufinda M; Naidoo Y; Neto Z; Paulo A Carralero RR Paixão JP; Pereira A; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_887420, EPI_ISL_887421, EPI_ISL_887426, EPI_ISL_887429, EPI_ISL_887431, EPI_ISL_887434, EPI_ISL_887500, EPI_ISL_887501, EPI_ISL_887502, EPI_ISL_887503, EPI_ISL_2396890, EPI_ISL_2396891, EPI_ISL_2396892, EPI_ISL_2396893, EPI_ISL_2396894, EPI_ISL_2396895, EPI_ISL_2396896, EPI_ISL_2396897, EPI_ISL_2396900, EPI_ISL_2396901, EPI_ISL_2396902, EPI_ISL_2396903, EPI_ISL_2396904, EPI_ISL_2396913	Instituto Nacional de Saude (INS), Mozambique	KRISP, KZN Research Innovation and Sequencing Platform	Emmanuel S; Giandhari J; Nadia Sitek; Nalia Ismael; Nedio Mabunda; Paulo Arnaldo; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_1652053, EPI_ISL_1652054	Integrated Biorepository of H3Africa Uganda - IBRH3AU	Molecular Biology Laboratory	Ashaba Fred Katabazi; Bernard Sentalo Bagaya; David Patrick Kateete; Edgar Kigizi; Emmanuel Nasinghe; Eric Kataginyira; Gerald Mboowa; Lwanga Newton; Misaki Wayerenga; Moses Joloba; Moses Luutu; Nsubuga Gideon; Rogers Kamulegeya; Samuel Kirimunda; Sarah Stanley; Savannah Mwesigwa
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EPI_ISL_2820547, EPI_ISL_2820621, EPI_ISL_2820626	Laboratoire de Diagnostic, Centre de Soins 1, Caisse Nationale de Sécurité Sociale (CNSS) de Djibouti.	IHU Méditerranée Infection.	Anthony Levasseur; Christian A. Devaux.; Didier Raoult; Idil Salah abdillahi; Ikram Omar Osman; Iman Abdillahi Hassan; Jeremy Delerce; Linda Houhamdi; Ludivine Brechar; Mohamed Houmed Aoubaker; Philippe Colson; Pierre-Edouard Fournier; Zeinab Ali Waberi
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EPI_ISL_1116468, EPI_ISL_1118675	Laboratoire de Microbiologie- CHU Habib Bourguiba – Sfax	Laboratoire des Procédés de Criblage Moléculaire et Cellulaire-Centre de Biotechnologie de Sfax	A. and Masoudi, S.; Abdelmoulah, F.; Abid, N.; Ajili, F.; Aouni, M.; Ben Ayed, I.; Bensaid, M.; Chtourou, A.; Elargoubi, A.; Fki-berrajah, L.; Gaaloul, I.; Gargouri, S.; Hammami, A.; Kamoun, S.; Karray Hakim, H.; Kharat, N.; Mastouri, M.; Mhalla, S.; Nabli, A.; Rebai, Smeti, I.; Souissi, A.; Stambouli, N.; Turki, M.
EPI_ISL_712068, EPI_ISL_712568	Laboratoire de Microbiologie- CHU Habib Bourguiba – Sfax adresse	Laboratoire des Procédés de Criblage Moléculaire et Cellulaire-Centre de Biotechnologie de Sfax	A. and Masoudi, S.; Abdelmoulah, F.; Abid, N.; Ajili, F.; Aouni, M.; Ben Ayed, I.; Bensaid, M.; Chtourou, A.; Elargoubi, A.; Fki-berrajah, L.; Gaaloul, I.; Gargouri, S.; Hammami, A.; Kamoun, S.; Karray Hakim, H.; Kharat, N.; Mastouri, M.; Mhalla, S.; Nabli, A.; Rebai, Smeti, I.; Souissi, A.; Stambouli, N.; Turki, M.
EPI_ISL_933715, EPI_ISL_933719, EPI_ISL_4299860	Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie Royale	Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie Royale	Amal SOUIRI; Amal Souiri; Hajar LEMRISS; Mohamed LABIOUI; Mohammed Labioui; Mommamed Labioui; Nabil LEMZAOUH; Nabil Lemzaoui; S. El kabba; Sanaâ LEMRISS; Sanaâ Lemriss; Saâd EL KABBAJ; Saâd El kabba; elmostafa El Fahime
EPI_ISL_3250687	Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie Royale	Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie Royale	Amal SOUIRI; Hajar LEMRISS; Sanaâ LEMRISS; Saâd EL KABBAJ
EPI_ISL_953404, EPI_ISL_953405, EPI_ISL_953408, EPI_ISL_953411, EPI_ISL_953412, EPI_ISL_953413, EPI_ISL_953414, EPI_ISL_953415, EPI_ISL_953417, EPI_ISL_953420, EPI_ISL_953422	Laboratorio de Investigaciones de Baney	"Swiss Tropical and Public Health Institute"	"Carlos Cortes; Bonifacio Manguire Nlavo; Claudia Daubenberger; Diosdado Odjama Nseng Ada; Elizabeth Nyakarungu; Guillermo Garcia; Maximilian Mpina; Mitoha Ondo O Ayekaba; Philip Wonder Phiri"; Salome Hosch; Tobias Schindler
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EPI_ISL_700466	Ladismith (Nissenville) Clinic wc LAF	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
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EPI_ISL_2779450, EPI_ISL_2779451, EPI_ISL_2779452, EPI_ISL_2779481, EPI_ISL_2779482, EPI_ISL_2779486, EPI_ISL_2779536, EPI_ISL_2779537, EPI_ISL_2779538, EPI_ISL_2779539, EPI_ISL_2779540, EPI_ISL_2779541	MOH-HQ	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_2779522, EPI_ISL_2779523	MOH-HQS	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
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EPI_ISL_954228, EPI_ISL_954231, EPI_ISL_954232, EPI_ISL_954233, EPI_ISL_954234, EPI_ISL_954235, EPI_ISL_954236, EPI_ISL_954237, EPI_ISL_954238, EPI_ISL_954239, EPI_ISL_954240, EPI_ISL_954241, EPI_ISL_954242, EPI_ISL_954243, EPI_ISL_954244, EPI_ISL_954245, EPI_ISL_954246, EPI_ISL_954247, EPI_ISL_954248, EPI_ISL_954249, EPI_ISL_954250, EPI_ISL_954251, EPI_ISL_954252, EPI_ISL_954253	MRC/JUVRI & LSHTM Uganda Research Unit	Where sequence data have been generated and submitted to GISAID	Dan Lule Bugembe; Isaac Sseewanyana; Matthew Cotten; My V.T. Phan; Patrick Semanda; Pontiano Kaleebu; Susan Nabadda
EPI_ISL_2348511	MRC/JUVRI & LSHTM Uganda Research Unit, Central Public Health Laboratories	MRC/JUVRI & LSHTM Uganda Research Unit, Central Public Health Laboratories	Dan Lule Bugembe; Isaac Sseewanyana; Matthew Cotten; My V.T. Phan; Patrick Semanda; Pontiano Kaleebu; Susan Nabadda
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see above	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Allam M; Amoako DG; Bhiman JN; Ismail A; Khumalo Z; Kwenda S; Mahlangu B; Mnyameni F; Mohale T; Mtshali P; Ntuli N; Scheepers C; Subramoney K
EPI_ISL_2107094, EPI_ISL_2107095, EPI_ISL_2107099, EPI_ISL_2308255	National Institute of Health (NIH) - Federal Government of Somalia	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	A.T.; Abechi; Ajogbasile; Akano; C.A.; C.T.; Eromon; F.V.; Folarin, O.; Happi; I.B.; J.N.; J.U.; K.O.; Kayode; Nosamiefan, I.; Oguzie; Olawoye; Olumade; Oluniyi; P.E.; P.S.; T.J.; Ugwu; Uwanibe
EPI_ISL_644739, EPI_ISL_644741, EPI_ISL_644742, EPI_ISL_644745, EPI_ISL_644746, EPI_ISL_644747, EPI_ISL_644748, EPI_ISL_644749, EPI_ISL_644754, EPI_ISL_644755, EPI_ISL_644759, EPI_ISL_644760, EPI_ISL_644761, EPI_ISL_644767, EPI_ISL_644768, EPI_ISL_644769, EPI_ISL_644771, EPI_ISL_644775, EPI_ISL_644776, EPI_ISL_644777, EPI_ISL_644778, EPI_ISL_644779, EPI_ISL_644782, EPI_ISL_644812, EPI_ISL_644813, EPI_ISL_644814, EPI_ISL_644815, EPI_ISL_644816, EPI_ISL_644817, EPI_ISL_644818, EPI_ISL_644819, EPI_ISL_644820, EPI_ISL_644821, EPI_ISL_647970, EPI_ISL_647971, EPI_ISL_647972, EPI_ISL_647973, EPI_ISL_647974, EPI_ISL_647975, EPI_ISL_647983, EPI_ISL_647984, EPI_ISL_1191782, EPI_ISL_1191783, EPI_ISL_1191786, EPI_ISL_1191787, EPI_ISL_1191788, EPI_ISL_1191789, EPI_ISL_1191790, EPI_ISL_1191791, EPI_ISL_1191792, EPI_ISL_1191793, EPI_ISL_1191794, EPI_ISL_1191795, EPI_ISL_1191796, EPI_ISL_1191797, EPI_ISL_1191798, EPI_ISL_1191799, EPI_ISL_1191800, EPI_ISL_1191801, EPI_ISL_1191802, EPI_ISL_1191803, EPI_ISL_1191804, EPI_ISL_1191805, EPI_ISL_1191806, EPI_ISL_1191807, EPI_ISL_1191808, EPI_ISL_1191809, EPI_ISL_1191810, EPI_ISL_1191811, EPI_ISL_1191812, EPI_ISL_1191813, EPI_ISL_1191814, EPI_ISL_1191815, EPI_ISL_1191816, EPI_ISL_1191817, EPI_ISL_1191818, EPI_ISL_1191819, EPI_ISL_1191820, EPI_ISL_1191821, EPI_ISL_1191822, EPI_ISL_1191823, EPI_ISL_1195298, EPI_ISL_1195300	National Microbiology Reference Laboratory	Quadram Institute Bioscience Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Taruipua; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Faustinos T Takawira; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanani Gumbo; Isaac Phiri; Justin O'Grady; Kenneth K Maeka; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Managazira; Raiva Simbi; Robert Kingsley; Sekesai Zinyowera; Tapfumane! Mashe; Tatenda Takawira; Thanh Le Viet	
see above	National Microbiology Reference Laboratory	Quadram Institute Bioscience	Agnes Juru; Air Comodor Dr J. Chimedza; Charles Nyagupe; Dr Raiva Simbi; Emmanuel Sji; Giandhari J; Hlanai Gumbo; Kenneth Maeka; Naidoo Y; Pillay S; Tapfumane! Mashe; Tatenda Takawira; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_2492577	National Microbiology Reference Laboratory, Ministry of Health, Harare, Zimbabwe	CERI, Centre for Epidemic Response and Innovation, Stellenbosch University and KRISP, KZN Research Innovation and Sequencing Platform, UKZN.	Oluniyi P.E. et al
EPI_ISL_845546, EPI_ISL_845547, EPI_ISL_845548, EPI_ISL_845549, EPI_ISL_845550, EPI_ISL_845551	National Public Health Laboratory, Cameroon	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_737200, EPI_ISL_737205, EPI_ISL_737207	National Reference Laboratory, Nigeria Centre for Disease Control.	National Reference Laboratory, Nigeria Centre for Disease Control, Gaduwa, Abuja, Nigeria	(JHU); Abdulmajid Musa; Adama Ahmad; Anthony Ahumibe; Bamidele Olurunfemi; Catherine Okoi; Celestina Obiekea; Chimaobi Chukwu; Dr Adesuyi Omoare; Dr Chikwe Ihekweazu; Dr Ndodo Nnaemeka; Dr Sikiru Badaru; Kingsley Madubuike; Michael Popoola; Nneamaka Uba; Nwando Mba; Olusola Akambi; Peter Van Heusden (SANBI); Shirlee Wohl
EPI_ISL_3845304, EPI_ISL_3869526, EPI_ISL_3869527, EPI_ISL_3869528, EPI_ISL_3869529, EPI_ISL_3869530, EPI_ISL_3869531, EPI_ISL_3869532, EPI_ISL_3869533, EPI_ISL_3869534, EPI_ISL_3869535, EPI_ISL_3869536, EPI_ISL_3869537, EPI_ISL_3920340, EPI_ISL_3920433	Naval Medical Research Unit No. 3	Naval Medical Research Centre Biological Defense Research Directorate	Andrea E. Luquette; Andrew J. Bennett; Catherine E. Arnold; Chaselynn M. Watters; Emily K. Stefanov; Francisco Malagon; Kyle A. Long; Lindsay A. Glang; Logan J. Voegtly; Luis A. Estrella; Michael V. Deschenes; Regina Z. Cer; Robin H. Miller; Stephen M. Egan; and Kimberly A. Bishop-Lilly
EPI_ISL_825633	Nigeria Centre For Disease Control	National reference Laboratory, NCDC, Gaduwa, Abuja	Anthony Ahumibe; Chimaobi Chukwu; Dr Chikwe Ihekweazu; Dr Ndodo Nnaemeka; Dr Omoare Adesuyi; Esebannen Grace; Naidoo Dhamari; Nwando Mba; Olusola Anuoluwapo Akambi
EPI_ISL_487106, EPI_ISL_872602, EPI_ISL_872603, EPI_ISL_872604	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_527891, EPI_ISL_527892, EPI_ISL_527893, EPI_ISL_527894, EPI_ISL_527895, EPI_ISL_527896, EPI_ISL_527897, EPI_ISL_527898, EPI_ISL_527899, EPI_ISL_527900, EPI_ISL_527901, EPI_ISL_527902, EPI_ISL_527903, EPI_ISL_527904, EPI_ISL_527905, EPI_ISL_527906, EPI_ISL_527907, EPI_ISL_527908, EPI_ISL_527909, EPI_ISL_527910, EPI_ISL_527911, EPI_ISL_527912, EPI_ISL_527913, EPI_ISL_527914, EPI_ISL_527915, EPI_ISL_527916, EPI_ISL_527917, EPI_ISL_527918, EPI_ISL_527919, EPI_ISL_527920, EPI_ISL_527921, EPI_ISL_527922, EPI_ISL_527923, EPI_ISL_527924, EPI_ISL_527925, EPI_ISL_527926, EPI_ISL_527927, EPI_ISL_527928, EPI_ISL_527929, EPI_ISL_527930, EPI_ISL_527931, EPI_ISL_527932, EPI_ISL_527933, EPI_ISL_527934, EPI_ISL_527935, EPI_ISL_527936, EPI_ISL_527937, EPI_ISL_527938, EPI_ISL_527939, EPI_ISL_527940, EPI_ISL_527941, EPI_ISL_527942, EPI_ISL_527943, EPI_ISL_527944, EPI_ISL_527945, EPI_ISL_527946, EPI_ISL_527947, EPI_ISL_527948, EPI_ISL_527949, EPI_ISL_527950, EPI_ISL_527951, EPI_ISL_527952, EPI_ISL_527953, EPI_ISL_527954, EPI_ISL_527955, EPI_ISL_527956, EPI_ISL_527957, EPI_ISL_527958, EPI_ISL_527959, EPI_ISL_527960, EPI_ISL_527961, EPI_ISL_527962, EPI_ISL_527963, EPI_ISL_527964, EPI_ISL_527965, EPI_ISL_527966, EPI_ISL_527967, EPI_ISL_527968, EPI_ISL_527969, EPI_ISL_527970, EPI_ISL_527971, EPI_ISL_527972, EPI_ISL_527973, EPI_ISL_527974, EPI_ISL_527975, EPI_ISL_527976, EPI_ISL_527977, EPI_ISL_527978, EPI_ISL_527979, EPI_ISL_527980, EPI_ISL_527981, EPI_ISL_527982, EPI_ISL_527983, EPI_ISL_527984, EPI_ISL_527985, EPI_ISL_527986, EPI_ISL_527987, EPI_ISL_527988, EPI_ISL_527989, EPI_ISL_527990, EPI_ISL_527991, EPI_ISL_527992, EPI_ISL_527993, EPI_ISL_527994, EPI_ISL_527995, EPI_ISL_527996, EPI_ISL_527997, EPI_ISL_527998, EPI_ISL_527999, EPI_ISL_730017, EPI_ISL_730018, EPI_ISL_730019, EPI_ISL_730020, EPI_ISL_730021, EPI_ISL_730022, EPI_ISL_730023, EPI_ISL_730024, EPI_ISL_730025, EPI_ISL_730026, EPI_ISL_730027, EPI_ISL_730042, EPI_ISL_730043, EPI_ISL_730044, EPI_ISL_730045, EPI_ISL_730046, EPI_ISL_730047, EPI_ISL_730048	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	
see above	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Ajogbasile F.V.; Folarin O.A.; Happi C.T.; Ihekweazu C.; Kayode A.; Oguzie J.; Olawoye I.; Olumade T.; Oluniyi P.E.; Oluniyi P.E. et al; Uwanibe J.
EPI_ISL_735438	Nuclei Acid Testing - Rwanda National Reference Laboratory	GIGA Medical Genomics	Bouchra Boujemla; Esperence Umumararungu; Jacob Souopgui; Keith Durkin; Léon Mutesa; Maria Artesi; Marie-Pierre Hayette; Patrick Tuyisenge; Robert Rutayisire; Sabin Nsanzimana; Swaibu Gatara; Sébastien Bontems; Vincent Bours; Yvan Butera
EPI_ISL_735436, EPI_ISL_735437	Nucleic Acid Testing - Rwanda National Reference Laboratory	GIGA Medical Genomics	Bouchra Boujemla; Esperence Umumararungu; Jacob Souopgui; Keith Durkin; Léon Mutesa; Maria Artesi; Marie-Pierre Hayette; Patrick Tuyisenge; Robert Rutayisire; Sabin Nsanzimana; Swaibu Gatara; Sébastien Bontems; Vincent Bours; Yvan Butera
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see above	Nucleic Acid Testing, National Reference Laboratory	GIGA Medical Genomics	Bouchra Boujemla; Corinne Fasuquell; Esperence Umumararungu; Jacob Souopgui; Keith Durkin; Léon Mutesa; Maria Artesi; Marie-Pierre Hayette; Nathalie Renotte; Patrick Tuyisenge; Robert Rutayisire; Sabin Nsanzimana; Swaibu Gatara; Sébastien Bontems; Vincent Bours; Yvan Butera
EPI_ISL_640017, EPI_ISL_640023, EPI_ISL_640077, EPI_ISL_700417, EPI_ISL_700447, EPI_ISL_700575, EPI_ISL_700594, EPI_ISL_2140665, EPI_ISL_2375943, EPI_ISL_2621083, EPI_ISL_2621089	see above	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2621090	Oudtshoorn Sick Bay (SANDF)	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_700586, EPI_ISL_2802109	Pacaltsdorp Clinic wc PAC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_700528	Plettenberg Bay Clinic wc PLC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2779418, EPI_ISL_2779419, EPI_ISL_2779420, EPI_ISL_2779421, EPI_ISL_2779422, EPI_ISL_2779423, EPI_ISL_2779424, EPI_ISL_2779425, EPI_ISL_2779426, EPI_ISL_2779427, EPI_ISL_2779428, EPI_ISL_2779429, EPI_ISL_2779430	see above	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
see above	Port Health Clinic, Busia border point	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_2779492, EPI_ISL_2779493, EPI_ISL_2779494, EPI_ISL_2779497, EPI_ISL_2779498, EPI_ISL_2779499, EPI_ISL_2779500, EPI_ISL_2779501, EPI_ISL_2779502, EPI_ISL_2779503, EPI_ISL_2779504, EPI_ISL_2779505, EPI_ISL_2779545	see above	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_640086, EPI_ISL_640136	Red Cross Children's Hospital wc RXH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_640035, EPI_ISL_700465	Riversdale Clinic wc RAV	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2285240, EPI_ISL_2285241, EPI_ISL_2285242, EPI_ISL_2285243, EPI_ISL_2285244	Rob Ferreira	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_615069	Rwanda National Reference Laboratory	Rwanda National Laboratory	Aine O'Toole; Mukantwari Enatha; Stefan Rooke; Umuringa Jeanne d'Arc
EPI_ISL_614763, EPI_ISL_614891, EPI_ISL_614892, EPI_ISL_614980, EPI_ISL_615063, EPI_ISL_615064, EPI_ISL_615066, EPI_ISL_615067, EPI_ISL_615071, EPI_ISL_615074, EPI_ISL_615075, EPI_ISL_707711, EPI_ISL_707712, EPI_ISL_707713, EPI_ISL_707717, EPI_ISL_707772, EPI_ISL_707773, EPI_ISL_707774, EPI_ISL_707775, EPI_ISL_707776, EPI_ISL_707777, EPI_ISL_707778, EPI_ISL_707783, EPI_ISL_707787, EPI_ISL_707788, EPI_ISL_707790	see above	Rwanda National Reference Laboratory	Aine O'Toole; Aine O'Toole; Enatha Mukantwari; Enatha Mukantwari; Jeanne d'Arc Mukantwari; Jeanne d'Arc Umuringa; Jeanne d'Arc Umuringa; Mukantwari Enatha; Mukantwari Enatha; Mukantwari Enatha; Stefan Rooke; Stefan Rooke; Umuringa Jeanne d'Arc; Umuringa Jeanne d'Arc
see above	Rwanda National Reference Laboratory	Rwanda National Reference Laboratory	Aine O'Toole; Aine O'Toole; Enatha Mukantwari; Enatha Mukantwari; Jeanne d'Arc Mukantwari; Jeanne d'Arc Umuringa; Jeanne d'Arc Umuringa; Mukantwari Enatha; Mukantwari Enatha; Mukantwari Enatha; Stefan Rooke; Stefan Rooke; Umuringa Jeanne d'Arc; Umuringa Jeanne d'Arc
EPI_ISL_640034	Sedgefield Clinic wc SGE	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_4274021	Service des Maladies Infectieuses	Northwestern University - Center for Pathogen Genomics and Microbial Evolution	Egon A. Ozer; Judd F. Hultquist; Lacy M. Simons; Mamadou S. Sow; Mamoudou Maiga; Ramon Lorenzo-Redondo
EPI_ISL_2928025	South Sudan Ministry of Health, WHO South Sudan, MRC/UJVRT & LSHTM Uganda Research Unit	MRC/UJVRT & LSHTM Uganda Research Unit, South Sudan Ministry of Health, WHO South Sudan	Abe G. Abias; Dan Lule Bugembe; Dennis Kenyi Lodiongo; James Ayel; John Rumunu; Joseph Francis Deming; Jama John HM; Lui Lojok Deng; Matthew Cotten; My V.T. Phan; Pontiano Kaleebu; Richard Lino Loro Lako; Sudhir Bunga
EPI_ISL_640079	Stellenbosch Hospital wc STB	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2285275, EPI_ISL_2285276, EPI_ISL_2285277, EPI_ISL_2285278, EPI_ISL_2285279, EPI_ISL_2285281, EPI_ISL_2285282, EPI_ISL_2285283, EPI_ISL_2285284, EPI_ISL_2285285, EPI_ISL_2285286, EPI_ISL_2285287, EPI_ISL_2285288, EPI_ISL_2285289, EPI_ISL_2285290, EPI_ISL_2285291, EPI_ISL_2285292, EPI_ISL_2285293, EPI_ISL_2285294, EPI_ISL_2285295, EPI_ISL_2285296, EPI_ISL_2285297, EPI_ISL_2285298, EPI_ISL_2285299, EPI_ISL_2285300, EPI_ISL_2285301, EPI_ISL_2285302, EPI_ISL_2285303	see above	see above	see above
see above	TSHWANE ACADEMIC LABORATORY	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_966940	Technical Support Units for Scientific Research (UATRS), National Centre for Scientific and Technical Research (CNRST)	Technical Support Units for Scientific Research (UATRS), National Centre for Scientific and Technical Research (CNRST)	Alaoui; Elalaoui; Elannaz, H.; Elouanass, M.; Ennibi; H. and El Fahime, E.; Hemlali, M.; Lahlou; M.A.; Melloul, M.; Rfaki, A.; S.A.; Touil, N.; a.i.
EPI_ISL_640019, EPI_ISL_640026	Thembaletshu CDC wc THC	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_2271958, EPI_ISL_2271959, EPI_ISL_2271960, EPI_ISL_2271961, EPI_ISL_2271962, EPI_ISL_2271963, EPI_ISL_2271969, EPI_ISL_2271975	see above	see above	see above
see above	Tshepong Hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_2447874	Tshwane Academic Laboratory	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Ismail A; Mahlangu B; Mohale T; Ntuli N; Scheepers C
EPI_ISL_960152	Tshwaragano Hospital	National Health Laboratory Service/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_628750, EPI_ISL_628751, EPI_ISL_628752, EPI_ISL_628753, EPI_ISL_628754, EPI_ISL_628755, EPI_ISL_628756, EPI_ISL_628758, EPI_ISL_628759, EPI_ISL_628760, EPI_ISL_628761, EPI_ISL_648124, EPI_ISL_648125, EPI_ISL_648126, EPI_ISL_648127, EPI_ISL_648128	see above	see above	see above
see above	UHAS COVID-19 Lab	UHAS COVID-19 Lab	John O. Gyapong and the UHAS COVID-19 Lab Team; Jones Gyamfi; Kwabena O. Duedu; Reuben Ayivor-Djanie
EPI_ISL_737931, EPI_ISL_737939, EPI_ISL_737940, EPI_ISL_737941, EPI_ISL_737942, EPI_ISL_737943, EPI_ISL_737944, EPI_ISL_737945, EPI_ISL_737946, EPI_ISL_737947, EPI_ISL_737948, EPI_ISL_737949, EPI_ISL_737950, EPI_ISL_737951, EPI_ISL_737952, EPI_ISL_737953, EPI_ISL_737954, EPI_ISL_737955, EPI_ISL_737956, EPI_ISL_737957, EPI_ISL_737958, EPI_ISL_737959, EPI_ISL_737960, EPI_ISL_737961, EPI_ISL_737962, EPI_ISL_737963, EPI_ISL_737964, EPI_ISL_737965, EPI_ISL_737966, EPI_ISL_737967, EPI_ISL_737968, EPI_ISL_737969, EPI_ISL_737970, EPI_ISL_737971, EPI_ISL_737972, EPI_ISL_737973, EPI_ISL_737974, EPI_ISL_737975, EPI_ISL_737976, EPI_ISL_737977, EPI_ISL_737978, EPI_ISL_737979, EPI_ISL_737980, EPI_ISL_737981, EPI_ISL_737982, EPI_ISL_737983, EPI_ISL_737984, EPI_ISL_737985, EPI_ISL_737986, EPI_IS			

EPI_ISL_12243550	University of Maiduguri Teaching Hospital, P.M.B. 1414	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab for Genome Sequencing	Alessandro Marcello; Bamidele S Odeinde; Danilo Licastro; Emanuele Orsini; Galadima Gadzama; Marycelin M Baba; Monilade Akinola; Simeone Dal Monego; Zara Wuduri
EPI_ISL_1208967, EPI_ISL_1208968	University of Namibia (UNAM LAB)	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoko DG; Bhiman JN; Ismail A; Konstantinus I; Mahlungu B; Mohale T; Ntuli N; Scheepers C; Van Rooyen G
EPI_ISL_977251, EPI_ISL_977252, EPI_ISL_977253, EPI_ISL_977254, EPI_ISL_977255, EPI_ISL_977256, EPI_ISL_977260, EPI_ISL_977261, EPI_ISL_977262, EPI_ISL_977263, EPI_ISL_977264, EPI_ISL_977265, EPI_ISL_977266, EPI_ISL_977267, EPI_ISL_977268, EPI_ISL_977269, EPI_ISL_977270, EPI_ISL_977271, EPI_ISL_977272, EPI_ISL_977273, EPI_ISL_977274, EPI_ISL_977275, EPI_ISL_977276, EPI_ISL_977277, EPI_ISL_977278, EPI_ISL_977279, EPI_ISL_977280, EPI_ISL_977281, EPI_ISL_977282, EPI_ISL_977283, EPI_ISL_977284, EPI_ISL_977285, EPI_ISL_977286, EPI_ISL_977287, EPI_ISL_977288, EPI_ISL_977289, EPI_ISL_977290, EPI_ISL_977291, EPI_ISL_977292, EPI_ISL_977293, EPI_ISL_977294, EPI_ISL_977295, EPI_ISL_977296, EPI_ISL_977297, EPI_ISL_977298, EPI_ISL_977299, EPI_ISL_977300, EPI_ISL_977301, EPI_ISL_977302, EPI_ISL_977303, EPI_ISL_977304, EPI_ISL_977305, EPI_ISL_977306, EPI_ISL_977307, EPI_ISL_977308, EPI_ISL_977309, EPI_ISL_977310, EPI_ISL_977311, EPI_ISL_977312, EPI_ISL_977313, EPI_ISL_977314, EPI_ISL_977315, 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EPI_ISL_977564, EPI_ISL_977565, EPI_ISL_977566, EPI_ISL_977567, EPI_ISL_977568, EPI_ISL_977569, EPI_ISL_977570, EPI_ISL_977571, EPI_ISL_977572, EPI_ISL_977573, EPI_ISL_977574, E			