

Table S1: Study overviews

Report	Country:	Time frame of samples collected:	Type of study and sampling strategy (opportunistic/ archival/ systematic/ repeated sampling):	Sample types collected (collection storage method): *dry = not in a storage or transport buffer	Sample types shown positive for coronaviruses	Destructive (vouchers collected) or non-destructive (catch-and release) sampling:
Tong et al. 2009 [26]	Kenya	July-August 2006	Sampling of 17 identified roosts over 2 months among the southern regions of Kenya; sampling not repeated in the study duration.	Fecal swabs, oral swabs; blood; tissues (collected dry with cold-chain)	Fecal swabs	Destructive; euthanized all bats
Pfefferle et al. 2009 [37]	Ghana	February 2008	Surveillance of bats present at 4 sites near a lake habitat, rural area and university. Diverse insectivorous bats was targeted, and a large urban roosting site of frugivorous bats. Sampling not repeated in the study duration.	Fecal material from individual bats and fecal samples collected with plastic foil under trees occupied by Eidolon helvum bats (1–4 fecal pellets or swabs suspended in RNAlater, Applied Biosystems)	Fecal material	Non-destructive
Quan et al. 2010 [41]	Nigeria	June 2008	Sampling of bats roosting in caves around human dwellings, that are frequented by people; sampling not repeated in the study duration.	Gastrointestinal tract specimens (collected dry with cold-chain)	Gastrointestinal tract specimens	Destructive
Geldenhuys et al. 2013 [42]	South Africa	2005-2011 (archival- 7 years)	Opportunistic testing of appropriate sample types in an archival biobank for initial surveillance of bats previously collected to determine if coronaviruses were present.	Fecal material and rectal specimens (archival)	Fecal material and rectal specimens	Combination - samples were available and not specifically collected for this surveillance, though bats were entered in museum collections
Ithete et al. 2013 [43]	South Africa	2010-2012	Sampling of 4 known roosts among the western and eastern coastal regions of South Africa; not specified if or how many times repeated sampling at same locations	Fecal material (suspended in RNAlater, Life Technologies)	Fecal material	Combination; bats were entered in museum collections
Annan et al. 2013 [44]	Ghana (also surveyed in Germany, the Netherlands, Romania, and Ukraine)	2009-2011	Sampling of selected species as a second surveillance study in Ghana. A total of 7 locations were surveyed across southern regions of the country. Not specified if or how many times repeated sampling at same locations.	Fecal material (suspended in RNAlater Stabilization Reagent, Qiagen)	Fecal material	Non-destructive
Maganga et al. 2014 [45]	Republic of Congo, Gabon, Central African Republic (CAR) and Senegal	2005-2008; Republic of Congo (2005 and 2006); Gabon (2005, 2006, 2009 and 2010); CAR (2008 and 2009); Senegal (2006)	Sampling aimed to investigate determinants affecting viral richness in bats sampled in Central and West Africa. Bats were sampled at multiple locations, at once-off sampling (no repeat sampling of the same localities).	Collected organs (not specified)	Intestine, lung	Destructive
Corman et al. 2015 [46]	Ghana	2009-2011	Sampling building on the collection from Annan et al. 2013; Focused surveillance for viruses related to human coronavirus 229E, with characterization of full genomes.	Fecal material in RNAlater (suspended in RNAlater Stabilization Reagent, Qiagen)	Fecal material	Non-destructive
Razanajatovo et al. 2015 [47]	Madagascar	2007-2011	Sampling at 8 sites in Madagascar, in known accessible roosts (trees and caves) where bats are frequently hunted as bushmeat. Some sites sampled more than once.	Rectal and throat swabs in viral transport media (unspecified)	Rectal swabs	Non-destructive

Shehata et al. 2016 [27]	Egypt (and Lebanon)	February 2013–April 2015	Surveillance in bats collected from Egypt and Lebanon. Not specified if or how many times repeated sampling at same locations. Caves were in proximity to human-inhabited area but not in proximity to camels.	Oral and rectal swabs as well as blood; lung and liver from select individuals. (not specified)	Lung, liver, rectal and oral swabs	Combination; 821 sampled with 72 euthanized
Leopardi et al. 2016 [28]	Nigeria	2011 (sampled twice in 2011)	Twice-sampled; surveillance for coronaviruses of an urban colony of bats that are regularly consumed as bushmeat.	Colony-level fecal (not specified)	Colony-level fecal	Non-destructive
Tao et al. 2017 [19]	Kenya	2007-2010 (4 years)	Sampling of 30 known roosts among the southern regions of Kenya; not specified if or how many times repeated sampling at same locations	Fecal swabs & oral swabs (suspended in PBS)	Fecal swabs & oral swabs	Non-destructive
Waruhiu et al. 2017 [29]	Kenya	2012-2015 (November to November over 4 years)	Surveillance for bat viruses - survey for various DNA and RNA viruses (astro-, adeno-, calici-, corona-, flavi-, filo-, paramyo-, polyoma- and rotaviruses); 48 sites mostly southern localities and included diverse roosts all with high level of human interactions (caves, trees, inhabited and abandoned buildings like offices and homes). Not specified if or how many times repeated sampling at same locations.	Fecal material (1 fecal pellet per tube in RNAlater Stabilization Reagent, Qiagen). Fecal material collected overnight on sheets.	Fecal material	Non-destructive
Anthony et al. 2017a [30]	Central Africa: Cameroon, Gabon, Democratic Republic of Congo, Republic of Congo, Rwanda, Tanzania, Uganda (also in the study Latin America: Peru, Bolivia, Brazil, Mexico, and Asia: Bangladesh, Cambodia, China, Indonesia, Laos, Malaysia, Nepal, Thailand, Viet Nam).	5 years	Global coronavirus assessment in bat species investigating 20 countries in 3 continents (Latin America, Africa, and Asia) over 5 years. The aim of the study was to identify diversity and factors driving this diversity. Samples were collected at 'high risk' interfaces (deforestation and agricultural expansion, around human dwellings; places of ecotourism, markets, wildlife restaurants and farms, where occupational exposure was likely), where direct or indirect contact with humans might promote zoonotic viral transmission.	Swabs (e.g. oral, urine, rectal), fluids (e.g. saliva), and tissues were collected into either NucliSensVR Lysis Buffer, BioMe'rieux, Inc. or viral transport media (unspecified) with cold-chain	Rectal swabs & oral swabs	Combination - (predominantly non-destructive with some destructive sampling)
Bourgarel et al. 2018 [31]	Zimbabwe	June 2016 and February 2017 (10 months)	Investigation of fecal samples at two cave sites regularly visited by local people to collect bat guano used as fertiliser for viral RNA (coronaviruses and paramyxoviruses). Each site was visited twice during the sampling period.	Colony-level fecal samples collected on 5 plastic sheets per cave (overnight inside the caves), pooled faeces were mixed with 6 ml of in-house RNA stabilisation solution, Pol Scientific.	Colony-level fecal	Non-destructive

Geldenhuys et al. 2018 [32]	South Africa	2007-2015 (8 years)	A metagenomic study targeting the gastrointestinal virome of the <i>Neormicia</i> genus in North Eastern and Eastern coastal regions of South Africa; archival samples (n=58) were utilised with a unbaised high-throughput sequencing approach and followed up with PCR analyses of remaining samples (n=42) to determine specific host species identified to harbour specific viruses; repeat sampling at certain locations	Gastrointestinal samples such as fecal pellets and rectal and intestinal specimens (collected dry with cold-chain)	fecal mateiral and intestinal specimens	Combination - samples were available and not specifically collected for this surveillance, though bats were entered in museum collections
Ar Gouilh et al., 2018 [33]	Tunisia and Morocco	2012	The study surveyed bats for coronaviruses predominantly in France and Spain (including different regions to include varying climates), with some opportunistic sampling in Morocco and Tunisia. Focus was directed towards regions of large bat diversity including maternity colonies. Not specified if or how many times repeated sampling at same locations.	Colony-level fecal as well as fecal material from individual bats (viral transport medium with antibiotic supplements or RNA later from Ambion)	Fecal material	Non-destructive
Yinda et al. 2018 [34]	Cameroon	December 2013 and May 2014	Metagenomics study using samples collected from 3 locations with the South West Region of Cameroon; no repeat sampling	Fecal material (collected dry with cold-chain)	Fecal material	Non-destructive
Markotter et al. 2019 [35]	Rwanda	2008	Surveillance of Rwandan bat species for the presence of coronaviruses (and paramyxoviruses); not repeated in the study duration	Fecal material, rectal and intestinal samples (suspended in RNAlater Stabilization Reagent, Qiagen)	Fecal material	Combination; bats that died during processing were taken as vouchers and tissues harvested
Nziza et al. 2019 [36]	Rwanda	2010-2014	Surveillance for bat viruses - survey for various RNA viruses (corona-, alpha-, arena-, bunya-, filo-, flavi-, hanta-, influenza-, paramyx-, lenti- and rhabdoviruses.); 25 sites selected and include urban and rural sites characterized by a human-wildlife interface. Frequency of repeat sampling not specified. Part of USAID Emerging Pandemic Threats PREDICT project -reported in Anthony et al. 2017.	Rectal & oral swabs collected into either BD Universal Viral TransportTM medium and/or NucliSENS Lysis Buffer	Rectal swabs & oral swabs	Non-destructive
Joffrin et al. 2020 [38]	Mozambique, Madagascar, Mauritius, Mayotte, Reunion Island and Seychelles	Mozambique: Feb-May 2015; Mayotte: Nov-Dec 2014; Reunion Island: Feb 2015; Seychelles: Feb-Mar 2014; Mauritius: Nov 2012; Madagascar: Oct-Nov 2014; Jan 2018	Sampling of the diverse and often isolated species on islands in the Western Indian Ocean. Testing of historical samples combined with more recent sampling events; sampling not necessarily repeated in the study duration.	Organs (Intestine and lung) collected before 2014 - stored dry. Feces, rectal, and oral swabs after 2014 were collected in 1mL brain heart infusion medium (Conda, Spain) supplemented with antifungals and antibacterial agents. All were stored in liquid nitrogen in the field.	Intestines, feces and rectal swabs	Combination - some samples were previously collected and included in the surveillance, others include non-destructive fecal collection and swabs.
Lacroix et al. 2020 [39]	Guinea	Feb 2016 - Jan 2017	Surveillance of samples previously targeted for ebolavirus and tested for coronaviruses from 7 sites; sampling not repeated in the study duration	Rectal and oral swabs an opportunistic fecal (in RNALater, ambient temperature)	Rectal and oral swabs as well as feces	Non-destructive

Maganga et al. 2020 [40]	Gabon	2009-2015	Surveillance of 6 bat caves in Northern Gabon along with non-human primates, rodents and other wildlife (bushmeat) species in the area. Sampling not repeated in the study duration	Intestines (dry) and feces (RNALater) (frozen in liquid nitrogen)	Intestines	Combination - bushmeat, bat and rodent vouchers and collection of fecal samples from bats and wildlife.
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Table S2: summaries of study methodologies

Report	Methods summary	RNA extraction kit	Random / specific primers for cDNA	Assay enzyme or kit used	Assay primers used/based on	Gene region amplified by surveillance assay (approximate nucleotide position vs. NC_004718.3 SARS coronavirus Tor2)	Surveillance region	Surveillance amplicon size	Sequence accession numbers in manuscript:	Sequence naming functional	Performed further characterization (molecular):	Specific sample processing described before extraction of nucleic acids	Isolation attempted
Tong et al. 2009 [26]	Nested RT-PCR was performed with two sets of coronavirus primers designed in the study. Primers are provided.	QIAMP mini viral spin kit (QIAGEN); Specific	Superscript 3 One-step kit with platinum taq (Invitrogen)	Tong et al. 2009 (developed)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15213-15412 nt)	Universal	121	Not present; GQ920800-GQ920838	<i>Not informative in phylogeny as it does not allow identification of host associated with sequence; eg. BtKY30 (also not listed anywhere in association with a host)</i>	Not in present manuscript; Tao et al. 2012 describes additional characterization.	Not specified	Not attempted/ described	
Pfefferle et al. 2009 [37]	Nested RT-PCR was performed according to assay and modified primers from a selected reference.	Viral RNA minikit (QIAGEN); Specific	Not-specified [One-step RT-PCR kit (Qiagen) with Platinum Taq (Invitrogen) according to reference]	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	450	FJ710043-FJ710056	Yes - e.g. BtCoV/Hip/GhanaBoo/348/2008 allows identification of information such as host, country, year etc. associated with the sequence	Specific primers were designed for sequencing longer fragments of the RdRp gene of representative viruses (817 bp of detected alphacoronaviruses and 1,221-bp of betacoronaviruses) as well as nucleoprotein genes. Also performed end-point dilution experiments with the nested pan-CoV RT-PCR (de Souza Luna et al. 2007) to determine viral load. Lastly performed MRCA analyses with available sequence fragments.	Not specified	Not attempted/ described	
Quan et al. 2010 [41]	Hemi-nested RT-PCR was performed according to primers designed in the study. Primers are provided.	Not-specified	Specific	cDNA with SuperScript 3 kit (Invitrogen) and Hot-Start polymerase (Qiagen)	Quan et al. 2010	Segment of the RNA-dependent RNA polymerase gene (Nested: 18386-18717 nt)	Non-Universal	400	HQ166910	Somewhat; Zaria bat coronavirus is named for the location in Nigeria and denotes the host, but does not associate a specific species to the virus or year	Sequenced the complete genome with unbiased high-throughput pyrosequencing	Not specified	Not attempted/ described
Geldenhuys et al. 2013 [42]	Genus-specific heminested RT-PCR assay designed in this study as performed. Primers available on request.	TRIzol (Invitrogen); Specific	Not-specified	Geldenhuys et al. 2013 (based on primers from Woo et al. 2005)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15279-15655 nt)	Universal	Not specified; 360	Not present; JQ519817-JQ519819	Yes - e.g. Mops-BtCoV/1364/SA/11 allows identification of information such as host, country, year etc. associated with the sequence	None	Not specified	Not attempted/ described	
Ithete et al. 2013 [43]	Nested RT-PCR was performed according to assay and modified primers from a selected reference.	QIAamp Viral RNA Mini Kit (QIAGEN)	Specific	Not-specified	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	450	Not all accessions provided; KC869678, KF843851-KF843862	Yes - e.g. BtCoV/PML/2011/Neo_zul/RSA/201 allows identification of information such as host, country, year etc. associated with the sequence	Extended sequenced regions to 819 bp with RdRp grouping units PCRs designed by Drexler et al. 2010. Corman et al. 2014 described full genome sequencing and characterization of the detected betacoronavirus.	Not specified	Not attempted/ described
Annan et al. 2013 [44]	Nested RT-PCR was performed according to assay and modified primers from a selected reference.	Viral RNA minikit (QIAGEN); Specific	Not-specified [One-step RT-PCR kit (Qiagen) with Platinum Taq (Invitrogen) according to reference]	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	450	JX899382-JX899384	Yes - e.g. BtCoV/PKW2E-F2/Nyc_spec/GHA/2011 allows identification of information such as host, country, year etc. associated with the sequence	Real-time RT-PCR designed to permit sensitive and quantitative detection of lineage C betacoronaviruses; extended sequenced regions to 819 bp with RdRp grouping units PCRs designed by Drexler et al. 2010	Not specified	Not attempted/ described	
Maganga et al. 2014 [45]	Nested RT-PCR was performed according to assay and modified primers from a selected reference.	Not-specified	Not-specified	Not-specified	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	Not specified	JX174638-JX174640; JX174641-JX174642	<i>Not informative; no information regarding virus or host species in name, only location, unique identifier and year eg. CAR/P 31/2009</i>	None	Not specified	Not attempted/ described

Corman et al. 2015 [46]	Developed and used a real-time RT-PCR assay for the detection of bat coronaviruses genetically related to HCoV-229E. Primer and probe are provided.	MagNA Pure 96 system (Roche)	Specific	Superscript 3 RT-PCR kit (Invitrogen)	Corman et al. 2015	Segment of the RNA-dependent RNA polymerase gene (real time: 13947-14137 nt of NC_002645 HCoV229E)	Non-Universal	Not specified	KT253259 to KT253323	Yes - e.g. BtCoV/BUO2E-F160/Hip cf. rub/GHA/2011 allows identification of information such as host, country, year etc. associated with the sequence	Obtained extended sequenced regions to 816 bp with RdRp grouping units PCRs designed by Drexler et al. 2010 and full genomes sequences for 4 bat 229E-related clades	Not specified	Not attempted/described
Razanajatovo et al. 2015 [47]	Nested RT-PCR was performed with primers from a reference, an additional hemi-nested step was incorporated with primers designed in this study. Primers are provided.	QIAamp Viral RNA minikit (QIAGEN);	Random	cDNA with M-MLV Reverse transcriptase (Invitrogen)	Razanajatovo et al. 2015 (based on Poon et al. 2005)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15216-15656 nt)	Universal	329	KF859758-KF859771; KP696741-KP696747	Yes - e.g. BatCoV074F\Pteropus rufus KP696745 2011 allows identification of information such as host, year etc. associated with the sequence (lacks location)	Extended sequenced regions of the RdRp gene to 1086 bp with strain-specific primers	Not specified	Not attempted/described
Shehata et al. 2016 [27]	Nested RT-PCR was performed according to assay and primers described in this study. Primers are provided in technical appendix.	QIAamp viral RNA minikit (QIAGEN)	Specific	One-step RT-PCR kit (Qiagen)	Shehata et al. 2016	Segment of the RNA-dependent RNA polymerase gene (Nested: 15266-15655 nt)	Universal	440	Not all accessions provided; KT346237-KT346243, KT581595, KT581600, KT581602	Yes - e.g. Roussettus/Egypt/NRC-HKU-81 allows identification of information such as host and country etc. associated with the sequence	MERS-specific envelope-gene quantitative RT-PCR was performed as well as serological testing of 370 serum samples. All negative. PCR designed specifically for this study was used for amplifying N gene sequences of HKU9-related viruses (primers provided in technical appendix).	Not specified	Not attempted/described
Leopardi et al. 2016 [28]	Nested RT-PCR was performed according to assay and modified primers from a selected reference (modifications not provided)	Nucleospin RNA II kit (Macherey - Nagel)	Specific	Superscript 3 One-step RT-PCR kit (Invitrogen)	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	398	KU131210 to KU131215	Yes - e.g. BtCoV/KU131213/59/Eidolon helum/Nigeria/2011 allows identification of information such as host, country, year etc. associated with the sequence	Continued with sequenced region extension using targeted pathogen genome amplification with Sanger and next generation sequencing (MiSeq-Illumina) approaches (approximatley 800 and 2000 bp)	Not specified	Not attempted/described
Tao et al. 2017 [19]	Nested RT-PCR was performed with Pan bat CoV RT-PCR primers from a given reference (with no modifications given)	QIAMP mini viral spin kit (QIAGEN)	Specific	Superscript 3 One-step RT-PCR kit (Invitrogen)	Tong et al. 2009	Segment of the RNA-dependent RNA polymerase gene (Nested: 15213-15412 nt)	Universal	400	Not all sequences are submitted to Genbank; KY073744 to KY073748	Yes - e.g BtKYNL63-9b Triaenops afer or BtKY237 Rhinolophus hildebrandti allows identification of a unique identifier, country and host associated with the sequence	Obtained complete genomes of selected lineages with detailed characterization	Not specified	Not attempted/described
Waruhu et al. 2017 [29]	Nested RT-PCR was performed with modified primers from a given reference. Primers are provided in technical appendix.	Pure viral RNA kit (Roche)	Specific	Superscript 3 One-step RT-PCR kit (Invitrogen)	Waruhu et al. 2017 (based on Watanabe et al. 2010)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15216-15655 nt)	Universal	434	Not present; MH170074-MH170150	Yes - e.g. BatCoV/BAT2363/Hippopotamus caffer/KEN/Meru/2015, allows identification of information such as host, location, year etc. associated with the sequence	Collected fecal was vortexed and underwent clearing centrifugation of which 200µL was used for viral nucleic acid extraction.	Not attempted/described	Not attempted/described
Anthony et al. 2017a [30]	Two separate assays for coronavirus detection used prepared cDNA to amplify non-overlapping segments of the target ORF - primers from given references.	Not specified	Not-specified	cDNA with Superscript 3 (Invitrogen)	Quan et al. 2010 and Watanabe et al. 2010	Two different segments of the RNA-dependent RNA polymerase gene (Quan et al. Nested: 18386-18717 nt; Watanabe et al. 15216-15654 nt)	Universal and non-universal	332 and 434	Not present; KX284927-KX286327	Not informative regarding source of reported sequence (host/location etc) if sequences are named after most similar previously described relative. E.g. sequence named "Kenya bat coronavirus/BtKY56/BtKY55 PREDICT-GVF-CM-EC006409" refers to a Epomops coronivirus from Cameroon.	None	Not specified	Not attempted/described
Bourgarel et al. 2018 [31]	A total of 123 pools were analysed with primers from a given reference.	NucleoSpin® RNA Kit (Macherey-Nagel)	Random	Not described	Chu et al. 2011	Segment of the RNA-dependent RNA polymerase gene (Nested: 15216-15656 nt)	Universal	415	MG000865-MG000872	Yes - e.g. BtCoV/CR001Mab_Hip.spp_ZIM allows identification of information such as host, country etc. associated with the sequence (lacks year)	Fecal matter (+/-6g) was pooled and underwent twice clearing centrifugation and filtration prior to pelleting with ultracentrifugation (250,000 g for 2.5 hours at 4 °C).	None	Not attempted/described

Geldenhuys et al. 2018 [32]	Viral metagenomics was followed up with consensus PCR confirmation using a developed multiplexed genus-specific nested RT-PCR assay. Primers are provided in technical appendix.	Duet RNA/ DNA miniprep plus kit (ZymoResearch)	Random	cDNA with Superscript 3 (Invitrogen)	Metagenomics; Geldenhuys et al. 2018 (based on Geldenhuys et al. 2013)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15388-15655 nt)	Universal	268	MF593268 and MF593271 (coronaviruses)	Yes - e.g. <i>BatCoV/Neo5038/KZN/RSA/2015</i> allows identification of information such as host, country, year etc. associated with the sequence	Extended the alphacoronavirus sequenced region to 600 bp as well as full genome characterization of the betacoronavirus	Not specified	Not attempted/ described
Ar Gouilh et al., 2018 [33]	Nested RT-PCR was performed with primers from a given reference.	Not specified	Random	cDNA with Superscript 3 (Invitrogen)	Gouilh et al., 2011	Segment of the RNA-dependent RNA polymerase gene (Nested: 15438-15655 nt)	Universal	220	KY423445, KY423485-KY423487	Yes - e.g. <i>Alphacov_EP19SPA/TUN_Myomy o/Myopun_2011/2012</i> allows identification of information such as host, country, year etc. associated with the sequence	None		Not attempted/ described
Yinda et al. 2018 [34]	Enriched for viral particles using the NetoVIR protocol (Conceicao-Neto et al. 2015) and sequenced on the Illumina HiSeq 2500 platform for 300 cycles.	QIAamp Viral RNA Mini Kit (Qiagen, Hilden, Germany)	-	Whole Transcriptome Amplification Kit, Sigma- Aldrich.	-	Complete genomes obtained	Not applicable	metagenomics	MG693168-MG693172	Yes - e.g. <i>Bat-CoV/900/Eidolon helvum/2014/CMR</i> allows identification of information such as host, country, year etc. associated with the sequence	Obtained partial/complete genomes with hightthroughput sequencing	Prepared 25 pools (1-5 samples per pool) that were homogenized and underwent filtration through a series of membrane filters. The filtrate was then treated with an enzyme cocktail of to digest free-floating nucleic acids.	Not attempted/ described
Markotter et al. 2019 [35]	Nested RT-PCR was performed with primers from a given reference.	Duet RNA/ DNA miniprep plus kit (ZymoResearch)	Random	cDNA with Superscript 3 (Invitrogen)	Geldenhuys et al. 2018	Segment of the RNA-dependent RNA polymerase gene (Nested: 15388-15655 nt)	Universal	268	JQ649535-JQ649536	Yes - e.g. <i>Rh-BtCoV/441/Rwanda/08</i> and <i>Rh-BtCoV/445/Rwanda/08</i> allows identification of information such as host, country, year etc. associated with the sequence	Extended sequenced regions to 820 bp with RdRp grouping units PCRs designed by Drexler et al. 2010	Not specified	Not attempted/ described
Nziza et al. 2019 [36]	Two separate assays for coronavirus detection used prepared cDNA to amplify non-overlapping segments of the target ORF - primers from given references.	QIAamp Viral RNA Mini Kit (QIAGEN)	Not-specified	cDNA with Superscript 3 (Invitrogen)	Quan et al. 2010 and Watanabe et al. 2010	Two different segments of the RNA-dependent RNA polymerase gene (Quan et al. Nested: 18386-18717 nt; Watanabe et al. 15216-15654 nt)	Universal and non-universal	332 and 434	KX286324-KX285828, KX285830, KX285106-KX285108, KX286259, KX285819, KX285821, KX285822, KX285111	Not informative regarding source of reported sequence (host/location etc) if sequences are named after most similar previously described relative. E.g. sequence named "Kenya bat coronavirus/BtkY56/BtkY55 PREDICT-GVF-CM-ECO06409" refers to a <i>Epomops coronivirus</i> from Cameroon.	None	Not specified	Not attempted/ described
Joffrin et al. 2020 [38]	Real time assays in combination with conventional assays for phylogeny.	QIAamp Viral RNA mini kit (QIAGEN)	Random	ProtoScript II Reverse Transcriptase and Random Primer 6 (New England BioLabs); Absolute Blue QPCR Mix low ROX 1X (Thermo Fisher Scientific)	Muradrasoli, et al. 2009 (real time); Poon et al. 2005 (conventional PCR)	Segment of the RNA-dependent RNA polymerase gene (Real time corresponding to 15647-15825 nt; conventional assay corresponding to: 15216-15655 nt)	Universal and non-universal	Real time: 179; Conventional assay: 440	MN183146-MN183273	Yes - e.g. <i>Bat_CoV_FMNH_229303_Mozambique_Mo.condylurus_2015</i> MN183182 allows identification of unique identifiers, location and host.	No, real-time followed by conventional PCR assay based on the assay from Poon et al 2005.	Not specified	Not attempted/ described
Lacroix et al. 2020 [39]	Nested RT-PCR was performed with modified primers from a given reference. Primers are not provided.	NucliSENS EasyMAG platform (BioMerieux, Marcy-l'Etoile).	Random	Reverse Transcription System kit with random primers (Promega); GoTaq Hot Start Master Mix PCR kit (Promega)	Chu et al. 2011; (modified protocol)	Segment of the RNA-dependent RNA polymerase gene (Nested: 15216-15656 nt)	Universal	440	MT586830-MT586867	Yes - e.g. <i>CCGU33_Ep_gambianus_GN</i> though missing some data, it does not allow identification of the host and country	None	Not specified	Not attempted/ described
Maganga et al. 2020 [40]	Nested RT-PCR surveillance of samples performed according to a published assay, with high throughput sequencing on selected positives	EZ1 RNA tissue mini kit (Qiagen)	Specific	Qiagen One-step RT PCR kit (Qiagen), and Platinum Taq DNA polymerase kit (Life Technologies).	de Souza Luna et al. 2007	Segment of the RNA-dependent RNA polymerase gene (Nested: 15210-15664 nt)	Universal	494	MG963186-MG963189 and MG963191-MG963201	Yes- e.g. <i>MG963196_09GB0376 Hipposideroscf ruber_2009</i> allows identification of host and year of detected sequence	Attempted high throughput MiSeq sequencing of three positive samples. The cDNAs were prepared with SuperScript III (Thermo Fisher Scientific). Size selection was performed followed by library preparation with the NEBNext Ultra RNA Library Prep kit for Illumina.	Nearly 100 mg intestines were pooled according to species and homogenized in PBS using a ball-mill tissue grinder (Geno/Grinder 2000, Spex Centriprep). RNAlater was removed from feces preserved therein, suspended in PBS, and centrifuged at 1500 rpm for 5 min.	Not attempted/ described

Table S3: summaries of species tested and positive percentages obtained per studies

Report	Number of bat species (genera) tested in total:	Average number of individuals per species (range of number of individuals):	Number of species below 10 individuals (% of species in study):	Number of species found to harbour coronaviruses (% species positive):	Overall positivity:	Host species identification methods:
Tong et al. 2009 [26]	21 species (14 genera)	10.5 (1-39)	12 (57.1%)	11 species (52.4%)	18.6% (41/221)	Not described
Pfefferle et al. 2009 [37]	10 species (7 genera)	13.7 (1-59)	6 (60%)	1 species (10%)	3.6 % (12/335)	Morphological identification confirmed with mitochondrial cytochrome b gene sequencing
Quan et al. 2010 [41]	6 species (5 genera)	Cannot be determined; totals per species tested are not specified (total of 33 bats tested)	-	1 species (16.7%)	3.0% (1/33)	Not described
Geldenhuys et al. 2013 [42]	29 species (14 genera)	3.8 (1-14)	27 (93.1%)	3 species(10.3%)	2.7% (3/113)	Not described
Ithete et al. 2013 [43]	12 species (10 genera)	5.5 (1-13)	9 (75%)	1 species (8.3%)	8% (5/62)	Experienced chiroptologist used morphological systematics
Annan et al. 2013 [44]	10 species (5 genera)	475.8 (1-3763)	2 (20%)	1 species (10%)	0.97% (46/4758)	Not described
Maganga et al. 2014 [45]	Overall: 15 species (14 genera)	101.6	7 (46.67%)	2 species (13.3%)	0.13% (5/3874)	Field identification by trained field biologist and confirmed with sequencing the mitochondrial cytochrome b gene sequences.
	Gabon: 12 species (11 genera)	162.75 (15-492)	0 species	1 species	0.2% (3/1953)	
	Republic of Congo: 6 species (6 genera)	125 (2-286)	3 (50%)	0 species	0%	
	Senegal: 2 species (2 genera)	16.5 (15-18)	0 species	0 species	0%	
	Central African Republic: 11 species (11 genera)	103 (1-533)	4 species (36.4%)	1 species	0.2% (2/1138)	
	Corman et al. 2015 [46]	11 species (7 genera)	189.73 (4-1611)	4 (36.4%)	2 species (18.2%)	3.9% (81/2087)
Razanajatovo et al. 2015 [47]	3 species (3 genera)	104.3* (76-141)	0 species	2 species (66.7%)	4.5% (14/313*)	Identified using morphological features by field trained team (ecologist and veterinarian)
Shehata et al. 2016 [27]	3 species (3 genera)	123.3 (31-257)	0 species	2 species (66.7%)	5.1% (19/370)	Not described
Leopardi et al. 2016 [28]	1 species (1 genus)	Cannot be determined as colony-level fecal samples were collected	-	1 species (100%)	7.6 % (6/79) within the sampled fecal material	Not described
Tao et al. 2017 [19]	27 species (17 genera)	76.3 (2-397)	5 (18.5%)	18 species (66.7%)	11.7% (240/2050)	Trained field biologist and confirmed with Cytochrome B sequencing

Waruhiu et al. 2017 [29]	22 species (16 genera)	Cannot determine average number of individuals sampled or ranges of most to least sampled; Total fecal collected: 3334, and only 2014 tested for coronaviruses. No totals of bat individuals/species tested are not specified; totals are given tested per site (all species), with positive species and individuals indicated.	-	9 species (40.9.7%)	4% (80/2014)	Experienced chiroptologist and confirmed with Cytochrome B sequencing
Anthony et al. 2017a [30]	Totals positive and numbers per species are not indicated in Anthony et al. 2017a; sample numbers	34 species	9.4% (1097/11704)			
	Cameroon	31 (1-674)	31 (58.5%)	20 species (37.7%)	7.8% (210/2679)	Lowest taxonomic order
	DRC	46 (1-520)	16 (49%)	10 species (30%)	5.5% (84/1520)	identified (genus and species)
	Gabon	217 (2-859)	4 (36%)	1 species (9%)	0.1% (3/2389)	and assigned to an age class
	COG	19 (1-148)	26 (70%)	13 species (35%)	8.9% (66/734)	(adult, subadult, neonate)
	Rwanda	41 (1-286)	12 (50%)	11 species (46%)	7.1% (70/990)	by the field teams
	Tanzania	168 (1-1432)	6 (40%)	7 species (47%)	25.7% (647/2517)	
	Uganda	49 (1-270)	13 (72%)	5 species (28%)	1.9% (17/875)	
Bourgarel et al. 2018 [31]	1 species (1 genus)	Cannot be determined as colony-level fecal samples were collected	-	1 species (100%)	6.5% (8/123)	Cytochrome B sequencing
Geldenhuys et al. 2018 [32]	4 species (1 genus)	10.5 (3-24)	3 (75%)	1 species (25%)	4.8% (2/42)	Experienced taxonomist in collaboration with a museum and confirmed with mitochondrial cytochrome c oxidase subunit I (COI) gene sequencing
Ar Gouilh et al., 2018 [33]	5 species (4 genera)	4.4 (2-8)	5 (100%)	2 species (40%)	16% (4/25)	Morphological identification, acoustic data and confirmed with cytochrome B gene sequencing
Yinda et al. 2018 [34]	2 species (2 genera)	43.5 (1-85)	1 (50%)	1 species (50%)	52% of 25 pools	Not described
Markotter et al. 2019 [35]	5 species (5 genera)	20.2 (2-72)	3 (40%)	1 species (20%)	2% (2/101)	Morphological identification and confirmed with cytochrome B or cytochrome oxidase one gene sequencing
Nziza et al. 2019 [36]	16 species (14 genera)	31 (1-130)	8 (50%)	8 species (50%)	5.4% (27/503)	Morphological and confirmed with cytochrome b (cyt b) or cytochrome oxidase one (COI) gene
Joffrin et al. 2020 [38]	36 species (18 genera)	26.7 (2-94)	12 (33.4%)	13 species (36.1%)	8.7% (88/1013)	Not described - mitochondrial cytochrome b gene sequencing

Lacroix et al. 2020 [39]	14 species (14 genera)	22.8 (1-120)	9 (64.3%)	8 species (57%)	11% (35/319)	Morphological measurements and molecular barcode (cytochrome b) confirmation.
Maganga et al. 2020 [40]	5 species (4 genera)	213 (112-287)	0 species	2 species (40%)	1.41% (15/1066)	Bat and rodent species were identified by trained field biologists.

Table S4: Coronaviruses detected per species

Taxonomic rank and extinct taxa (extinct taxa are indicated in grey text)	Species	Coronavirus detected in species (yes/no)	Number of individuals tested (counting totals of individuals provided in studies and positive individuals in reports where totals are not provided)	Types of coronavirus detected; similar to specified clades (refer to "like" as their grouping within subgenera are not certain)	Countries (all locations tested)	References	Reported as Bushmeat (Reviewed in Mildenstein et al 2016)
FAMILY Pteropodidae		14/44 (22 tested; 22 not tested)	10851				
Genus Eidolon		2/2	3096				
	Eidolon dupreanum	Yes	96	BetaCoV (Nobcovirus)	Madagascar	Razanajatovo et al. 2015 Pfefferle et al., 2009; Maganga et al. 2014; Anthony et al. 2017a, Tong et al. 2009, Waruhiu et al. 2017, Tao et al. 2017, Leopardi et al. 2016, Yinda et al. 2018, Nziza et al. 2019; Lacroix et al. 2020	Yes
	Eidolon helvum	Yes	3000	AlphaCoV (Novel); BetaCoV (Nobcovirus)	Cameroon, Kenya, Nigeria, Ghana, Gabon, Senegal, Central African Republic, Tanzania, Rwanda, Republic of the Congo, Democratic Republic of the Congo, Uganda, Guinea		
Genus Pteropus		1/8	196				
	Pteropus aldabrensis	-	-				
	Pteropus livingstonii	-	-				Yes
	Pteropus niger	No	48	-	Mauritius	Joffrin et al. 2020	Yes
	Pteropus rodricensis	-	-				Yes
	Pteropus rufus	Yes	76	BetaCoV (Nobcovirus)	Madagascar	Razanajatovo et al. 2015	Yes
	Pteropus seychellensis	No	72	-	Mayotte, Seychelles	Joffrin et al. 2020	Yes
	Pteropus subniger	-	-				
	Pteropus voeltzkowi	-	-				Yes
Genus Casinycteris		0/3	7				
	Casinycteris argynnis	No	7	-	Cameroon, Republic of Congo	Anthony et al. 2017a	
	Casinycteris campomaenensis	-	-				
	Casinycteris ophiodon	-	-				
Genus Epomophorus		3/10	468				
	Epomophorus angolensis	-	-				
	Epomophorus anselli	-	-				
	Epomophorus crypturus	-	-				
	Epomophorus dobsonii	-	-				
	Epomophorus gambianus	Yes	158	AlphaCoV (Novel); BetaCoV (Novel); Nobcovirus	Cameroon, Democratic Republic of the Congo, South Africa, Central African Republic, Senegal, Guinea	Anthony et al. 2017a, Geldenhuys et al. 2013, Maganga et al. 2014, Yinda et al. 2018, Lacroix et al. 2020	Yes
	Epomophorus grandis	-	-				
	Epomophorus labiatus	Yes	167	AlphaCoV (Novel); BetaCoV (Novel)	Rwanda, Kenya, Senegal, South Africa, Central African Republic, Cameroon	Tao et al. 2017; Nziza et al. 2019; Anthony et al. 2017a, Maganga et al. 2014, Geldenhuys et al. 2013	Yes
	Epomophorus minimus	-	-				
	Epomophorus minor	-	-				
	Epomophorus wahlbergi	Yes	80	BetaCoV (Nobcovirus)	Kenya, South Africa, Tanzania	Geldenhuys et al. 2013, Tong et al., 2009; Tao et al. 2017	
	not determined to species level (spp.)	No	63	-	Rwanda, Republic of Congo, Tanzania	Markotter et al. 2019, Anthony et al. 2017a	
Genus Epomops		1/2	1272				
	Epomops buettikoferi	No	3	-	Guinea	Lacroix et al. 2020	
	Epomops franqueti	Yes	1257	BetaCoV (Nobcovirus)	Cameroon, Democratic Republic of the Congo, Republic of the Congo, Gabon	Anthony et al. 2017a, Maganga et al. 2014	Yes

	not determined to species level (spp.)	No	12	-	Democratic Republic of the Congo, Republic of Congo	Anthony et al. 2017a
Genus Hypsignathus		0/1	279			
	Hypsignathus monstrosus	No	279	-	Democratic Republic of the Congo, Republic of the Congo, Gabon, Cameroon, Guinea	Maganga et al. 2014, Anthony et al. 2017a, Lacroix et al. 2020 Yes
Genus Megaloglossus		1/2	456			
	Megalaglossus azagnyi	-	-			
	Megalaglossus woermannii	Yes	395	AlphaCoV (Novel), BetaCoV (Novel)	Republic of the Congo, Central African Republic, Gabon, Democratic Republic of the Congo, Cameroon	Anthony et al. 2017a, Maganga et al. 2014
	not determined to species level (spp.)	No	61	-	Democratic Republic of the Congo	Anthony et al. 2017a
Genus Micropteropus		1/2	892			
	Micropteropus intermedius	-	-			
	Micropteropus pusillus	Yes	892	AlphaCoV (Novel), BetaCoV (Novel)	Republic of the Congo, Gabon, Central African Republic, Cameroon, Democratic Republic of the Congo, Guinea	Anthony et al. 2017a, Maganga et al. 2014, Lacroix et al. 2020 Yes
Genus Myonycteris		1/5	832			
	Myonycteris angolensis	Yes	212	BetaCoV (Novel; Nobecovirus)	Rwanda, Kenya, Ghana, Cameroon, Republic of Congo, Uganda, Guinea)	Nziza et al. 2019; Anthony et al. 2017a, Corman et al. 2015, Tao et al. 2017, Tong et al., 2009, Lacroix et al. 2020 Yes
	Myonycteris brachycephala	-	-			Yes
	Myonycteris leptodon	-	-			
	Myonycteris relicta	-	-			
	Myonycteris torquata	No	616	-	Republic of the Congo, Gabon, Central African Republic, Cameroon, Democratic Republic of the Congo	Maganga et al. 2014, Anthony et al. 2017a
	not determined to species level (spp.)	Yes	4	BetaCoV (Nobecovirus)	Democratic Republic of the Congo, Republic of Congo	Anthony et al. 2017a
Genus Nanonycteris		1/1	6			
	Nanonycteris veldkampii	Yes	6	BetaCoV (Nobecovirus)	Cameroon, Guinea	Anthony et al. 2017a, Lacroix et al. 2020
Genus Pteropus		0/1	4			
	Pteropus anchietae	No	4	-	Uganda	Anthony et al. 2017a
Genus Rousettus		2/3	3315			
	Rousettus aegyptiacus	Yes	3129	AlphaCoV (Novel); BetaCoV (Nobecovirus)	Kenya, Egypt, Cameroon, Rwanda, South Africa, Gabon, Republic of the Congo, Central African Republic, Ghana, Democratic Republic of the Congo, Tanzania, Uganda, Guinea	Corman et al. 2015, Geldenhuys et al. 2013, Ihethete et al. 2013, Maganga et al. 2014, Markotter et al. 2019, Tong et al. 2009, Tao et al. 2017, Anthony et al. 2017a, Maganga et al. 2020, Lacroix et al. 2020 Yes
	Rousettus madagascariensis	Yes	186	BetaCoV (Nobecovirus)	Madagascar	Razanajatovo et al. 2015, Joffrin et al. 2020 Yes
	Rousettus obliviosus	-	-			
Genus Scotonycteris		0/3	6			
	Scotonycteris bergmansi	-	-			
	Scotonycteris occidentalis	-	-			
	Scotonycteris zenkeri	No	6	-	Cameroon	Anthony et al. 2017a
Genus Stenonycteris		0/1	22			
	Stenonycteris lanosus	No	22	-	Rwanda	Nziza et al. 2019; Anthony et al. 2017a Yes
FAMILY Hipposideridae		8/21 (10 tested; 11 not tested)	8563			
Genus Asellia		0/3	0			
	Asellia italosomalica	-	-			
	Asellia patrizii	-	-			

	<i>Asellia tridens</i>	-	-			
Genus Doryrhina	<i>Doryrhina cyclops</i>	0/1	0			
Genus Hipposideros		5/13	7366			
	<i>Hipposideros abae</i>	Yes	620	AlphaCoV (Duvinavirus)	Ghana	Corman et al. 2015, Pfefferle et al., 2009, Annan et al. 2013
	<i>Hipposideros beatus</i>	No	3	-	Cameroon, Republic of Congo	Anthony et al. 2017a,
	<i>Hipposideros caffer</i>	Yes	1181	AlphaCoV (Duvinavirus); BetaCoV (Hibecovirus)	Kenya, Cameroon, South Africa, Democratic Republic of the Congo, Gabon, Republic of Congo, Rwanda, Mozambique	Waruhu et al. 2017, Anthony et al. 2017a, Geldenhuys et al. 2013, Ihthet et al. 2013, Nziza et al. 2019, Joffrin et al. 2020
	<i>Hipposideros camerunensis</i>	-	-			
	<i>Hipposideros cf. centralis</i>	-	-			
	<i>Hipposideros curtus</i>	Yes	7	AlphaCoV (Duvinavirus)	Cameroon	Anthony et al. 2017a
	<i>Hipposideros fuliginosus</i>	Yes	7	Unknown	Ghana, Cameroon	Annan et al. 2013, Anthony et al. 2017a
	<i>Hipposideros jonesi</i>	No	31	-	Ghana	Annan et al. 2013
	<i>Hipposideros lamottei</i>	-	-			Yes
	<i>Hipposideros marisae</i>	-	-			Yes
	<i>Hipposideros megalotis</i>	-	-			
	<i>Hipposideros ruber</i>	Yes	5213	AlphaCoV (Duvinavirus); BetaCoV (Sarbecovirus, Hibecovirus)	Ghana, Gabon, Republic of Congo, Kenya, Rwanda, Cameroon, Democratic Republic of the Congo, Uganda, Guinea	Pfefferle et al. 2009, Corman et al. 2015, Maganga et al. 2014, Tong et al., 2009, Annan et al. 2013, Markotter et al. 2019, Nziza et al. 2019; Anthony et al. 2017a, Maganga et al. 2020, Lacroix et al. 2020
	<i>Hipposideros tephrus</i>	-	-			Yes
	not determined to species level (spp.)	Yes	304	AlphaCoV (Duvinavirus); BetaCoV (Hibecovirus)	Zimbabwe, Kenya, Republic of Congo, Cameroon, Democratic Republic of the Congo, Gabon, Uganda	Bourgarel et al. 2018, Tao et al. 2017, Anthony et al. 2017a
Genus Macronycteris		3/4	1197			
	<i>Macronycteris commersoni</i>	Yes	70	AlphaCoV (Novel)	Cameroon, Madagascar	Anthony et al. 2017a, Joffrin et al. 2020
	<i>Macronycteris cryptovalorona</i>	-	-			Yes
	<i>Macronycteris gigas</i>	Yes	1004	AlphaCoV (Novel), BetaCoV (Hibecovirus,Nobcovirus)	Ghana, Gabon, Central African Republic, Nigeria, Cameroon, Republic of Congo	Annan et al. 2013, Maganga et al. 2014, Quan et al. 2010, Tong et al. 2009, Anthony et al. 2017a, Maganga et al. 2020
	<i>Macronycteris vittatus</i>	Yes	123	AlphaCoV (Duvinavirus)	Kenya	Tao et al. 2017
FAMILY Molossidae		8/44 (16 tested; 28 not tested)	2144			
Genus Chaerephon		2/15	601			
	<i>Chaerephon aloysiisabaudiae</i>	-	-			
	<i>Chaerephon ansorgei</i>	-	-			Yes
	<i>Chaerephon atsinanana</i>	No	29	-	Madagascar	Joffrin et al. 2020
	<i>Chaerephon bemmeleni</i>	-	-			
	<i>Chaerephon bivittatus</i>	-	-			
	<i>Chaerephon chapini</i>	-	-			
	<i>Chaerephon gallagheri</i>	-	-			
	<i>Chaerephon jobimena</i>	-	-			Yes
	<i>Chaerephon leucogaster</i>	No	45	-	Madagascar	Joffrin et al. 2020
	<i>Chaerephon major</i>	No	1	-	Cameroon	Anthony et al. 2017a
	<i>Chaerephon nigeriae</i>	-	-			

<i>Chaerephon pumilus</i>	Yes	355	AlphaCoV (Novel)	Kenya, South Africa, Tanzania, Republic of the Congo, Rwanda, Cameroon, Democratic Republic of the Congo, Uganda	Geldenhuys et al. 2013, Ithete et al. 2013, Tao et al. 2017, Tong et al. 2009, Waruhu et al. 2017, Anthony et al. 2017a, Nziza et al. 2019
<i>Chaerephon pusillus</i>	Yes	60	AlphaCoV (Novel)	Mayotte	Joffrin et al. 2020
<i>Chaerephon russatus</i>	-	-			
<i>Chaerephon tomensis</i>	-	-			Yes
not determined to species level (spp.)	Yes	171	AlphaCoV (Novel); BetaCoV (Sarbecovirus, Nobecovirus)	Kenya, South Africa, Ghana, Democratic Republic of the Congo, Mayotte, Guinea	Tong et al. 2009, Tao et al. 2017, Pfefferle et al. 2009, Anthony et al. 2017a, Joffrin et al. 2020, Lacroix et al. 2020
Genus Mops					
Subgenus Mops (Mops)	2/8	1012			
<i>Mops (Mops) condylurus</i>	Yes	858	AlphaCoV (Novel); BetaCoV (Novel, Nobecovirus-like)	Kenya, Cameroon, South Africa, Central African Republic, Rwanda, Democratic Republic of the Congo, Republic of Congo, Tanzania, Mozambique, Guinea	Waruhu et al. 2017, Anthony et al. 2017a, Joffrin et al. 2020, Lacroix et al. 2020
<i>Mops (Mops) congicus</i>	-	-			
<i>Mops (Mops) demonstrator</i>	No	7	-	Cameroon	Anthony et al. 2017a
<i>Mops (Mops) leucostigma</i>	No	94	-	Madagascar	Joffrin et al. 2020
<i>Mops (Mops) midas</i>	Yes	23	AlphaCoV (Novel)	South Africa; Madagascar	Geldenhuys et al. 2013, Joffrin et al. 2020
<i>Mops (Mops) niangarae</i>	-	-			Yes
<i>Mops (Mops) niveiventer</i>	-	-			
<i>Mops (Mops) trevori</i>	-	-			
not determined to species level (spp.)	No	30	-	Democratic Republic of the Congo, Republic of Congo	Anthony et al. 2017a
Subgenus Mops (Xiphonycteris)	0/6	2			
<i>Mops (Xiphonycteris) bakarii</i>	-	-			
<i>Mops (Xiphonycteris) brachypterus</i>	No	2	-	Democratic Republic of the Congo	Anthony et al. 2017a
<i>Mops (Xiphonycteris) nanulus</i>	-	-			
<i>Mops (Xiphonycteris) petersoni</i>	-	-			
<i>Mops (Xiphonycteris) spurrelli</i>	-	-			
<i>Mops (Xiphonycteris) thersites</i>	-	-			
Genus Mormopterus	2/3	119			
<i>Mormopterus acetabulosus</i>	No	6	-	Mauritius	Joffrin et al. 2020
<i>Mormopterus francoismoutoui</i>	Yes	50	AlphaCoV (Novel)	Reunion Island	Joffrin et al. 2020
<i>Mormopterus jugularis</i>	Yes	63	AlphaCoV (Novel)	Madagascar	Joffrin et al. 2020
Genus Myopterus	0/2	0			Yes
<i>Myopterus daubentonii</i>	-	-			
<i>Myopterus whitleyi</i>	-	-			
Genus Otomops	1/3	339			
<i>Otomops harrisoni</i>	-	-			
<i>Otomops madagascariensis</i>	No	18	-	Madagascar	Joffrin et al. 2020
<i>Otomops martiensseni</i>	Yes	321	AlphaCoV (Novel)	Rwanda, Kenya	Markotter et al. 2019, Nziza et al. 2019, Tong et al. 2009, Tao et al. 2017, Waruhu et al. 2017, Anthony et al. 2017a
Genus Platymops	0/3	0			
<i>Platymops setiger</i>	-	-			
Genus Sauromys	0/1	0			
<i>Sauromys petrophilus</i>	-	-			
Genus Tadarida	1/5	71			
<i>Tadarida aegyptiaca</i>	No	7	-	South Africa	Geldenhuys et al. 2013, Ithete et al. 2013
<i>Tadarida fulminans</i>	-	-			
<i>Tadarida lobata</i>	-	-			
<i>Tadarida teniotis</i>	-	-			

<i>Tadarida ventralis</i>	-	-			
not determined to species level (spp.)	Yes	64	AlphaCoV (Novel); BetaCoV (Novel)	Tanzania, Uganda	Anthony et al. 2017a
FAMILY Miniopteridae	5/22 (12 tested; 10 not tested)	1464			
Genus Miniopterus	5/22	1464			
<i>Miniopterus aelleni</i>	-	-			
<i>Miniopterus africanus</i>	Yes	9	AlphaCoV (Novel)	Kenya	Tong et al. 2009, Tao et al. 2017
<i>Miniopterus ambohitrensis</i>	-	-			
<i>Miniopterus brachytragos</i>	-	-			
<i>Miniopterus egeri</i>	-	-			
<i>Miniopterus fraterculus</i>	-	-			
<i>Miniopterus gleni</i>	No	16	-	Madagascar	Joffrin et al. 2020 Yes
<i>Miniopterus griffithsi</i>	-	-			
<i>Miniopterus griveaudi</i>	No	28	-	Madagascar	Joffrin et al. 2020
<i>Miniopterus inflatus</i>	Yes	653	AlphaCoV (Novel)	Kenya, Gabon, Cameroon, Republic of Congo	Tong et al. 2009, Tao et al. 2017, Maganga et al. 2014, Anthony et al. 2017a, Maganga et al. 2020
<i>Miniopterus maghrebensis</i>	No	7	-	Morocco	Ar Gouilh et al. 2018
<i>Miniopterus mahafaliensis</i>	No	8	-	Madagascar	Joffrin et al. 2020
<i>Miniopterus majori</i>	-	-			Yes
<i>Miniopterus manavi</i>	No	19	-	Madagascar	Joffrin et al. 2020 Yes
<i>Miniopterus minor</i>	Yes	311	AlphaCoV (Novel)	Kenya, Tanzania	Tong et al. 2009, Tao et al. 2017, Waruhiu et al. 2017, Anthony et al. 2017a
<i>Miniopterus mossambicus</i>	Yes	21	AlphaCoV (Novel)	Mozambique	Joffrin et al. 2020
<i>Miniopterus natalensis</i>	Yes	87	AlphaCoV (Novel)	Kenya, South Africa	Tong et al. 2009, Tao et al. 2017, Waruhiu et al. 2017, Itthete et al. 2013
<i>Miniopterus newtoni</i>	-	-			Yes
<i>Miniopterus petersoni</i>	-	-			
<i>Miniopterus schreibersii</i>	No	1	-	Cameroon	Anthony et al. 2017a
<i>Miniopterus sororculus</i>	No	8	-	Madagascar	Joffrin et al. 2020
<i>Miniopterus villiersi</i>	-	-			
not determined to species level (spp.)	Yes	317	AlphaCoV (Novel)	Kenya, Democratic Republic of the Congo, Republic of Congo, Rwanda	Tao et al. 2017, Anthony et al. 2017a
FAMILY Vespertilionidae	9/114 (37 tested; 77 not tested)	918			
Genus Kerivoula	0/7	10			
<i>Kerivoula africana</i>	-	-			
<i>Kerivoula argentata</i>	No	1	-	Republic of Congo	Anthony et al. 2017a
<i>Kerivoula cuprosa</i>	No	5	-		
<i>Kerivoula eriophora</i>	-	-			
<i>Kerivoula lanosa</i>	No	1	-	Democratic Republic of the Congo	Anthony et al. 2017a
<i>Kerivoula phalaena</i>	-	-			
<i>Kerivoula smithii</i>	-	-			
not determined to species level (spp.)	No	3	-	Cameroon, Democratic Republic of the Congo	Anthony et al. 2017a
Genus Myotis	2/13	289			
<i>Myotis anjouanensis</i>	-	-			
<i>Myotis bocagii</i>	-	-			
<i>Myotis capaccinii</i>	-	-			
<i>Myotis dieteri</i>	-	-			
<i>Myotis emarginatus</i>	-	-			
<i>Myotis goudotii</i>	No	17	-	Madagascar	Joffrin et al. 2020
<i>Myotis morrisi</i>	-	-			Yes

					Yes
<i>Myotis mystacinus</i>	-	-			
<i>Myotis punicus</i>	Yes	11	AlphaCoV (Novel)	Morocco, Tunisia	Ar Gouilh et al. 2018
<i>Myotis scotti</i>	-	-			
<i>Myotis tricolor</i>	-	-			
<i>Myotis welwitschii</i>	Yes	257	AlphaCoV (Novel)	Rwanda, Uganda	Anthony et al. 2017a
<i>Myotis zenatus</i>	-	-			
not determined to species level (spp.)	No	4	-	Uganda	Anthony et al. 2017a
Genus <i>Scotophilus</i>	3/16	213			
<i>Scotophilus altilis</i>	-	-			
<i>Scotophilus andrewreborii</i>	-	-			
<i>Scotophilus borbonicus</i>	-	-			
<i>Scotophilus dinganii</i>	Yes	66	AlphaCoV (Novel); BetaCoV (Novel)	Kenya, Cameroon, Democratic Republic of the Congo, South Africa	Anthony et al. 2017a, Geldenhuys et al. 2013
<i>Scotophilus ejetai</i>	-	-			
<i>Scotophilus leucogaster</i>	Yes	38	AlphaCoV (Novel), BetaCoV (Nobecovirus-like)	South Africa, Cameroon, Guinea	Anthony et al. 2017a, Geldenhuys et al. 2013, Lacroix et al. 2020
<i>Scotophilus livingstonii</i>	-	-			
<i>Scotophilus marovaza</i>	-	-			
<i>Scotophilus nigrita</i>	-	-			
<i>Scotophilus nigritellus</i>	-	-			
<i>Scotophilus nucella</i>	-	-			
<i>Scotophilus nux</i>	Yes	3	AlphaCoV (Novel),	Cameroon	Anthony et al. 2017a
<i>Scotophilus robustus</i>	-	-			Yes
<i>Scotophilus tandrefana</i>	-	-			
<i>Scotophilus trujilloi</i>	-	-			
<i>Scotophilus viridis</i>	No	11	-	South Africa, Rwanda, Mozambique	Nziza et al. 2019, Anthony et al. 2017a, Geldenhuys et al. 2013, Ihethet et al. 2013, Joffrin et al. 2020
not determined to species level (spp.)	No	95	-	South Africa, Democratic Republic of the Congo	Geldenhuys et al. 2013, Anthony et al. 2017a
Genus <i>Barbastella</i>	0/2	0			
<i>Barbastella barbastellus</i>	-	-			
<i>Barbastella leucomelas</i>	-	-			
Genus <i>Eptesicus</i>	0/5	4			
<i>Eptesicus bottae</i>	-	-			
<i>Eptesicus floweri</i>	-	-			
<i>Eptesicus hottentotus</i>	No	2	-	South Africa	Geldenhuys et al. 2013
<i>Eptesicus isabellinus</i>	No	2	-	Tunisia	Ar Gouilh et al. 2018
<i>Eptesicus platyops</i>	-	-			
Genus <i>Glauconycteris</i>	0/13	7			
<i>Glauconycteris alboguttata</i>	No	1	-	Republic of Congo	Anthony et al. 2017a
<i>Glauconycteris argentata</i>	-	-			
<i>Glauconycteris atra</i>	-	-			
<i>Glauconycteris beatrix</i>	No	3	-	South Africa, Ghana, Republic of Congo	Geldenhuys et al. 2013, Pfefferle et al. 2009, Anthony et al. 2017a
<i>Glauconycteris curryae</i>	-	-			
<i>Glauconycteris egeria</i>	-	-			
<i>Glauconycteris gleni</i>	-	-			
<i>Glauconycteris humeralis</i>	-	-			
<i>Glauconycteris kenyacola</i>	-	-			
<i>Glauconycteris machadoi</i>	-	-			
<i>Glauconycteris poensis</i>	No	2	-	Cameroon	Anthony et al. 2017a
<i>Glauconycteris superba</i>	-	-			
<i>Glauconycteris variegata</i>	No	1	-	Democratic Republic of the Congo	Anthony et al. 2017a
Genus <i>Hypsugo</i>	0/8	7			
<i>Hypsugo anchietae</i>	-	-			
<i>Hypsugo ariel</i>	-	-			
<i>Hypsugo bimainty</i>	-	-			

<i>Hypsugo cf. eisentrauti</i>	-	-			
<i>Hypsugo crassulus</i>	No	1	-	Republic of Congo	Anthony et al. 2017a
<i>Hypsugo eisentrauti</i>	-	-			
<i>Hypsugo musciculus</i>	No	6	-	Cameroon	Anthony et al. 2017a
<i>Hypsugo savii</i>	-	-			
Genus Laephotis	0/4	0			
<i>Laephotis angolensis</i>	-	-			
<i>Laephotis botswanae</i>	-	-			
<i>Laephotis namibensis</i>	-	-			
<i>Laephotis wintoni</i>	-	-			
Genus Mimetillus	0/2	1			
<i>Mimetillus moloneyi</i>	No	1		Republic of Congo	Anthony et al. 2017a
<i>Mimetillus thomasi</i>	-	-			
Genus Neoromicia	1/17	238			
<i>Neoromicia aff. guineensis</i>	-	-			
<i>Neoromicia brunnea</i>	No	1	-	Republic of Congo	Anthony et al. 2017a
<i>Neoromicia capensis</i>	Yes	65	AlphaCoV (Novel); BetaCoV (Merbecovirus)	South Africa, Cameroon	Geldenhuys et al. 2013, Ithete et al. 2013, Geldenhuys et al. 2018, Anthony et al. 2017a
<i>Neoromicia guineensis</i>	-	-			
<i>Neoromicia helios</i>	No	8	-	South Africa	Geldenhuys et al. 2013, Geldenhuys et al. 2018
<i>Neoromicia humbloti</i>	-	-			
<i>Neoromicia isabella</i>	-	-			
<i>Neoromicia malagasyensis</i>	No	2	-	Madagascar	Joffrin et al. 2020
<i>Neoromicia matroka</i>	No	4	-	Madagascar	Joffrin et al. 2020
<i>Neoromicia nana</i>	No	51	-	South Africa, Cameroon, Democratic Republic of the Congo, Republic of Congo, Rwanda, Tanzania, Uganda, Mozambique	Geldenhuys et al. 2013, Ithete et al. 2013, Geldenhuys et al. 2018, Anthony et al. 2017a, Joffrin et al. 2020
<i>Neoromicia rendalli</i>	No	2		Democratic Republic of the Congo	Anthony et al. 2017a
<i>Neoromicia robertsi</i>	-	-			
<i>Neoromicia rosevearei</i>	-	-			
<i>Neoromicia somalica</i>	-	-			
<i>Neoromicia stanleyi</i>	-	-			
<i>Neoromicia tenuipinnis</i>	No	62	-	Kenya, Central African Republic, Rwanda, Cameroon, Republic of Congo	Tong et al., 2009, Tao et al. 2017, Maganga et al. 2014, Nziza et al. 2019, Anthony et al. 2017a
<i>Neoromicia zuluensis</i>	No	7	-	South Africa, Rwanda	Geldenhuys et al. 2013, Geldenhuys et al. 2018, Nziza et al. 2019, Anthony et al. 2017a
not determined to species level (spp.)	No	36	-	South Africa, Kenya	Geldenhuys et al. 2013, Tao et al. 2017
Genus Nyctalus	0/3	0			
<i>Nyctalus azoreum</i>	-	-			
<i>Nyctalus lasiopterus</i>	-	-			
<i>Nyctalus leisleri</i>	-	-			
Genus Nycticeinops	0/1	12			
<i>Nycticeinops schlieffenii</i>	No	12	-	South Africa, Cameroon, Tanzania	Geldenhuys et al. 2013, Anthony et al. 2017a
Genus Otonycteris	0/1	0			
<i>Otonycteris hemprichii</i>	-	-			
Genus Pipistrellus	2/14	100			
<i>Pipistrellus aero</i>	-	-			
<i>Pipistrellus grandidieri</i>	-	-			
<i>Pipistrellus hanaki</i>	-	-			
<i>Pipistrellus hesperidus</i>	Yes	2	BetaCoV (Merbecovirus)	Uganda, Madagascar	Anthony et al. 2017b, Joffrin et al. 2020

<i>Pipistrellus inexpectatus</i>	No	4	-	Cameroon	Anthony et al. 2017a
<i>Pipistrellus kuhlii</i>	Yes	32	BetaCoV (Nobecovirus-like)	Ghana, Egypt	Pfefferle et al., 2009, Shehata et al. 2016,
<i>Pipistrellus maderensis</i>	-	-			
<i>Pipistrellus nanulus</i>	No	17	-	Ghana, Cameroon, Democratic Republic of the Congo, Republic of Congo	Pfefferle et al., 2009, Anthony et al. 2017a
<i>Pipistrellus permixtus</i>	-	-			
<i>Pipistrellus pipistrellus</i>	-	-			
<i>Pipistrellus pygmaeus</i>	-	-			
<i>Pipistrellus raceyi</i>	-	-			
<i>Pipistrellus rueppellii</i>	-	-			
<i>Pipistrellus rusticus</i>	No	2	-	Cameroon	Anthony et al. 2017a
not determined to species level (spp.)	No	43	-	Kenya, Democratic Republic of the Congo, Republic of Congo	Tong et al. 2009, Tao et al. 2017, Anthony et al. 2017a
Genus Plecotus	0/4	0			
<i>Plecotus balensis</i>	-	-			
<i>Plecotus christii</i>	-	-			
<i>Plecotus gaisleri</i>	-	-			
<i>Plecotus teneriffae</i>	-	-			
Genus Scotorecus	1/4	37			
<i>Scotorecus albogula</i>	No	8	-	Uganda	Anthony et al. 2017a
<i>Scotorecus albofuscus</i>	No	3	-	Uganda	Anthony et al. 2017a
<i>Scotorecus hindei</i>	-	-			
<i>Scotorecus hirundo</i>	No	1	-	Cameroon	Anthony et al. 2017a
not determined to species level (spp.)	Yes	25	AlphaCoV (Novel)	Kenya, Tanzania	Tao et al. 2017, Anthony et al. 2017a
FAMILY Rhinolophidae	9/38 (14 tested; 24 not tested)	728			
Genus Rhinolophus	9/38	728			
<i>Rhinolophus adamii</i>	-	-			
<i>Rhinolophus alcyone</i>	Yes	25	AlphaCoV (Novel)	Ghana, Gabon, Cameroon	Annan et al. 2013, Maganga et al. 2014, Anthony et al. 2017a Yes
<i>Rhinolophus blasii</i>	-	-			
<i>Rhinolophus capensis</i>	No	1	-	South Africa	Geldenhuys et al. 2013
<i>Rhinolophus clivosus</i>	Yes	79	BetaCoV (Sarbecovirus; Hibecovirus)	Rwanda, South Africa, Uganda	Markotter et al. 2019; Nziza et al. 2019; Anthony et al. 2017a, Ihthet et al. 2013
<i>Rhinolophus coheneae</i>	-	-			
<i>Rhinolophus damarensis</i>	-	-			
<i>Rhinolophus darlingi</i>	Yes	8	AlphaCoV (Novel)	South Africa, Guinea	Geldenhuys et al. 2013, Ihthet et al. 2013, Lacroix et al. 2020
<i>Rhinolophus deckenii</i>	-	-			
<i>Rhinolophus denti</i>	No	5	-	South Africa	Geldenhuys et al. 2013
<i>Rhinolophus eloquens</i>	No	2	-	Rwanda	Anthony et al. 2017a
<i>Rhinolophus euryale</i>	Yes	3	AlphaCoV (Novel)	Morocco	Ar Gouilh et al. 2018
<i>Rhinolophus ferrumequinum</i>	No	2	-	Morocco	Ar Gouilh et al. 2018
<i>Rhinolophus fumigatus</i>	Yes	2	AlphaCoV (Novel)	Kenya, Cameroon	Waruhiu et al. 2017, Anthony et al. 2017a
<i>Rhinolophus gorongosae</i>	-	-			Yes
<i>Rhinolophus guineensis</i>	-	-			
<i>Rhinolophus hildebrandtii</i>	Yes	20	AlphaCoV (Novel); BetaCoV (Sarbecovirus)	Kenya	Tao et al. 2017, Tong et al. 2009
<i>Rhinolophus hilli</i>	-	-			Yes
<i>Rhinolophus hillorum</i>	-	-			Yes
<i>Rhinolophus hipposideros</i>	-	-			
<i>Rhinolophus horaceki</i>	-	-			
<i>Rhinolophus kahuzi</i>	-	-			

<i>Rhinolophus landeri</i>	Yes	92	AlphaCoV (Novel)	Kenya, Ghana, South Africa, Cameroon	Tao et al. 2017; Waruhiu et al. 2017, Geldenhuys et al. 2013, Annan et al. 2013, Anthony et al. 2017a
<i>Rhinolophus lobatus</i>	Yes	9	AlphaCoV (Novel)	Mozambique	Joffrin et al. 2020
<i>Rhinolophus mabuensis</i>	-	-			
<i>Rhinolophus maclaudi</i>	-	-			Yes
<i>Rhinolophus maendeleo</i>	-	-			
<i>Rhinolophus mehelyi</i>	-	-			
<i>Rhinolophus mossambicus</i>	No	20	-	Mozambique	Joffrin et al. 2020
<i>Rhinolophus rhodesiae</i>	Yes	30	AlphaCoV (Novel)	Mozambique	Joffrin et al. 2020
<i>Rhinolophus ruwenzorii</i>	-	-			Yes
<i>Rhinolophus sakejensis</i>	-	-			
<i>Rhinolophus silvestris</i>	-	-			Yes
<i>Rhinolophus simulator</i>	-	-			
<i>Rhinolophus smithersi</i>	-	-			
<i>Rhinolophus swinnyi</i>	-	-			
<i>Rhinolophus willardi</i>	-	-			
<i>Rhinolophus ziamae</i>	-	-			Yes
not determined to species level (spp.)	Yes	430	AlphaCoV (Novel); BetaCoV (Sarbecovirus)	Kenya, Rwanda, South Africa, Democratic Republic of the Congo, Gabon, Republic of Congo, Uganda, Mozambique	Tao et al. 2017, Tao et al. 2019, Anthony et al. 2017a, Tong et al. 2009, Geldenhuys et al. 2013, Joffrin et al. 2020
FAMILY Emballonuridae	0/11 (4 tested; 7 not tested)		678		
Genus Coleura	0/3	550			
Coleura afra	No	550	-	Kenya, Ghana, Gabon, Cameroon, Tanzania, Uganda	Tong et al., 2009; Tao et al. 2017, Pfefferle et al., 2009; Annan et al. 2013, Corman et al. 2015, Maganga et al. 2014, Anthony et al. 2017a, Maganga et al. 2020
Coleura kibomalandy	-	-			
Coleura seychellensis	-	-			
Genus Paremballonura	0/2	0			Yes
Paremballonura atrata	-	-			
Paremballonura tiavato	-	-			
Genus Saccolaimus	0/1	0			
Saccolaimus peli	-	-			
Genus Taphozous	0/5	128			
Taphozous hamiltoni	-	-			
Taphozous hildegardae	No	3	-	Kenya	Tong et al., 2009;
Taphozous mauritianus	No	19	-	Cameroon, Democratic Republic of the Congo, Tanzania, Mauritius	Anthony et al. 2017a, Joffrin et al. 2020
Taphozous nudiventris	-	-			Yes
Taphozous perforatus	No	103	-	Ghana, Egypt	Annan et al. 2013, Shehata et al. 2016
not determined to species level (spp.)	No	3	-	Kenya, Tanzania	Tong et al., 2009, Anthony et al. 2017a
FAMILY Nycteridae	3/15 (6 tested; 9 not tested)		299		
Genus Nycterus	2/15	299			
Nycterus arge	-	3	-	Uganda	Anthony et al. 2017a
Nycterus aurita	-	-			
Nycterus cf. parisi	-	-			
Nycterus gambiaensis	Yes	185	BetaCoV (Merbecovirus)	Ghana	Annan et al. 2013
Nycterus grandis	No	26	-	Cameroon	Anthony et al. 2017a
					Yes

<i>Nycteris hispida</i>	No	34	-	Ghana, Rwanda, Cameroon, Republic of Congo	Pfefferle et al., 2009, Nziza et al. 2019, Anthony et al. 2017a
<i>Nycteris intermedia</i>	-	-			
<i>Nycteris macrotis</i>	Yes	3	BetaCoV (Merbecovirus)	Guinea	Lacroix et al. 2020
<i>Nycteris madagascariensis</i>	-	-			
<i>Nycteris major</i>	No	1	-	Cameroon	Anthony et al. 2017a
<i>Nycteris nana</i>	-	-			
<i>Nycteris parisi</i>	-	-			
<i>Nycteris thebaica</i>	Yes	19	BetaCoV (Merbecovirus)	South Africa, Cameroon, Mozambique	Geldenhuys et al. 2013, Ihethet et al. 2013, Anthony et al. 2017a, Joffrin et al. 2020
<i>Nycteris vinsoni</i>	-	-			
<i>Nycteris woodi</i>	-	-			
not determined to species level (spp.)	No	28	-	Kenya, Democratic Republic of the Congo, Republic of Congo	Tao et al. 2017, Anthony et al. 2017a
FAMILY Rhinonycteridae	2/6 (3 tested; 3 not tested)	250			
Genus Clootis	0/1	0			
Clootis percivali	-	-			
Genus Paratriaenops	0/3	32			
Paratriaenops auritus	-	-			
Paratriaenops furculus	No	32	-	Madagascar	Joffrin et al. 2020 Yes
Paratriaenops pauliani	-	-			
Genus Triaenops	2/2	218			
Triaenops afer	Yes	184	AlphaCoV (Setracoivirus); BetaCoV (Novel)	Kenya, Republic of the Congo, Tanzania, Mozambique	Tao et al. 2017, Anthony et al. 2017a; Joffrin et al. 2020
Triaenops menamena	Yes	34	AlphaCoV (Setracoivirus);	Madagascar	Joffrin et al. 2020 Yes
FAMILY Megadermatidae	1/2 (2 tested; 0 not tested)	25			
Genus Cardioderma	1/1	21			
Cardioderma cor	Yes	21	AlphaCoV (Novel)	Kenya	Tao et al. 2017, Tong et al. 2009
Genus Lavia	0/1	4			
Lavia frons	No	4	-	Rwanda, Cameroon	Nziza et al. 2019; Anthony et al. 2017a
FAMILY Rhinopomatidae	0/3 (1 tested, 2 not tested)	1			
Genus Rhinopoma	0/3	1			
Rhinopoma cystops	-	-			
Rhinopoma macinnesi	-	-			
Rhinopoma microphyllum	No	1	-	Cameroon	Anthony et al. 2017a
FAMILY Myzopodidae	0/2 (0 tested, 2 not tested)	0			
Genus Myzopoda	0/2	0			
Myzopoda aurita	-	-			Yes
Myzopoda schliemannii	-	-			
FAMILY Cistugonidae	0/2 (0 tested; 2 not tested)	0			
Genus Cistugo	0/2	0			
Cistugo lesueuri	-	-			
Cistugo seabrae	-	-			

Table S5: Bat species from which coronavirus RNA have been reported (according to viruses identified)

Genus	Virus subgenus/clade possibly belonging to*	Relatedness/greatest similarity to known species	Bat species	Country	Sample type	Number tested (percentage positive)	Reference
Duvinacovirus (HumanCoV-229E and related sequences from bat and camelids)	Similar to HumanCoV-229E	<i>Hipposideros abae</i>	Ghana	Fecal	19/242 (7.85%)	Corman et al. 2015	
			Kenya	Fecal	4 [#]	Waruhiu et al. 2017	
			Cameroon	Rectal swab	1/167 (0.6%)	Anthony et al. 2017a/ PREDICT1&2*	
			Gabon	Rectal (& oral) swabs	3/859 (0.3%)	Anthony et al. 2017a/ PREDICT1&2*	
			COG	Rectal (& oral) swabs	1/1 (100%)	Anthony et al. 2017a/ PREDICT1&2*	
			Rwanda	Rectal (& oral) swabs	1/65 (1.5%)	Anthony et al. 2017a/ PREDICT1&2*	
			Mozambique	Rectal swab	10/59 (16.9%)	Joffrin et al. 2020	
			<i>Hipposideros curtus</i>	Cameroon	Rectal (& oral) swabs	1/7 (14.3%)	Anthony et al. 2017a/ PREDICT1&2*
			Ghana	Fecal	5/59 (8.47%)	Pfefferle et al. 2009	
			Ghana	Fecal	62/1611 (3.85%)	Corman et al. 2015	
		<i>Hipposideros ruber</i>	Gabon	Intestine	2/387 (0.51%)	Maganga et al. 2014	
			Gabon	Intestine	12/262 (5%)	Maganga et al. 2020	
			COG	Rectal swab	1/8 (12.5%)	Anthony et al. 2017a/ PREDICT1&2*	
			Cameroon	Rectal (& oral) swabs	37/674 (5.5%)	Anthony et al. 2017a/ PREDICT1&2*	
			Uganda	Rectal (& oral) swabs	1/4 (25%)	Anthony et al. 2017a/ PREDICT1&2*	
			Guinea	Rectal and oral swabs; Fecal	5/21 (23.8%)	Lecroix et al. 2020	
			Zimbabwe	Colony-collected fecal samples	7/123 (5.7%)	Bourgarel et al. 2018	
			Kenya	Fecal swabs	16/68 (23.53%)	Tao et al. 2017	
			COG	Rectal swab	1/9 (11.1%)	Anthony et al. 2017a/ PREDICT1&2*	
			Cameroon	Rectal (& oral) swabs	1/2 (50%)	Anthony et al. 2017a/ PREDICT1&2*	
		<i>Hipposideros sp.</i>	Uganda	Rectal (& oral) swabs	1/53 (1.9%)	Anthony et al. 2017a/ PREDICT1&2*	
			<i>Macronycteris vittatus</i> (<i>Hipposideros vittatus</i>)	Kenya	Fecal swabs	1/123 (0.81%)	Tao et al. 2017
			<i>Macronycteris gigas</i> (<i>Hipposideros gigas</i>)	Gabon	Intestine	1/156 (0.64%)	Maganga et al. 2020
			<i>Rhinolophus clivosus</i>	Uganda	Rectal (& oral) swabs	1/39 (2.6%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Triaenops afer</i>	Kenya	Fecal swabs	8/30 (26.67%)	Tao et al. 2017
				Mozambique	Rectal swabs	9/51 (17.6%)	Joffrin et al. 2020
			<i>Triaenops menamena</i>	Madagascar	Intestine and rectal swabs	4/34 ()	Joffrin et al. 2020
			<i>Triaenops sp.</i>	COG	Rectal swabs	6/53 (11.3%)	Anthony et al. 2017a/ PREDICT1&2*
				Tanzania	Rectal swabs	42/50 (84%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Mops condylurus</i>	Tanzania	Rectal swabs	1/220 (0.5%)	Anthony et al. 2017a/ PREDICT1&2*
Setracovirus (HumanCoV-NL63 and related sequences from bats)	Similar to HumanCoV-NL63	<i>Cardioderma cor</i>	Kenya	Fecal swabs	1/13 (7.7%)	Anthony et al. 2017a/ PREDICT1&2*	
			Kenya	Fecal swabs	2/8 (25%)	Tao et al. 2017	
			Kenya	Fecal swabs	2/7 (28.6%)	Tong et al. 2009	
			Kenya	Fecal	5 [#]	Waruhiu et al. 2017	
			Tanzania	Rectal (& oral) swabs	42/211 (19.9%)	Anthony et al. 2017a/ PREDICT1&2*	
			COG	Rectal (& oral) swabs	5/62 (8.1%)	Anthony et al. 2017a/ PREDICT1&2*	
			Rwanda	Rectal swab	1/11 (9.09%) 1/19 (5.3%)	Nziza et al. 2019 Anthony et al. 2017a/ PREDICT1&2*	
			<i>Chaerephon pusillus</i>	Mayotte	Rectal swab	7/60 (11.7%)	Joffrin et al. 2020
			Kenya	Fecal swabs	Unspecified - up to 5/38	Tong et al. 2009	
			Kenya	Fecal swabs	12/113 (10.6%)	Tao et al. 2017	
		<i>Chaerephon sp.</i>	DRC	Rectal (& oral) swabs	2/6 (33.3%)	Anthony et al. 2017a/ PREDICT1&2*	
			Mayotte	Feces	1/4 (25%)	Joffrin et al. 2020	
			<i>Eidolon helvum</i>	Cameroon	Plasma	2/302 (0.7%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Epomops franqueti</i>	Cameroon	Rectal (& oral) swabs	1/241 (0.4%)	Anthony et al. 2017a/ PREDICT1&2*
			COG	Rectal (& oral) swabs	1/133 (0.8%)	Anthony et al. 2017a/ PREDICT1&2*	
			<i>Epomophorus labiatus</i>	Kenya	Fecal swabs	Unspecified - up to 9/35	Tao et al. 2017
			<i>Epomophorus gambianus</i>	Cameroon	Rectal (& oral) swabs	5/32 (15.6%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Hipposideros commersoni</i> (<i>Macronycteris vittatus</i> / <i>M. gigas</i>)	Cameroon	Rectal (& oral) swabs	2/51 (3.9%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Hipposideros gigas</i> (<i>Macronycteris gigas</i>)	Cameroon	Rectal (& oral) swabs	13/112 (11.6%)	Anthony et al. 2017a/ PREDICT1&2*
			COG	Rectal (& oral) swabs	1/3 (33.3%)	Anthony et al. 2017a/ PREDICT1&2*	
virus		<i>Micropteropus pusillus</i>	Cameroon	Liver, spleen	1/137 (0.7%)	Anthony et al. 2017a/ PREDICT1&2*	

		<i>Miniopterus africanus</i>	Kenya	Fecal swabs	1/8 (12.5%)	Tong et al. 2009
		<i>Miniopterus inflatus</i>	Kenya	Fecal swabs	7/12 (58.3%)	Tong et al. 2009
		<i>Miniopterus inflatus</i>	Kenya	Fecal swabs	1/2 (50%)	Tao et al. 2017
		<i>COG</i>		Rectal (& oral) swabs	5/6 (83.3%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Miniopterus minor</i>	Kenya	Fecal swabs	1/13 (7.7%)	Tong et al. 2009
		<i>Miniopterus minor</i>	Kenya	Fecal swabs	66/292 (22.6%)	Tao et al. 2017
		<i>Miniopterus minor</i>	Kenya	Fecal	5 [#]	Waruhu et al. 2017
		<i>Miniopterus mossambicus</i>	Mozambique	Rectal swabs	4/21 (19%)	Joffrin et al. 2020
		<i>Miniopterus natalensis</i>	South Africa	Fecal/ rectal specimens	1/14 (7.14%)	Geldenhuys et al. 2013
		<i>Miniopterus natalensis</i>	Kenya	Fecal swabs	1/7 (14.3%)	Tong et al. 2009
		<i>Miniopterus sp.</i>	Kenya	Fecal swabs	9/53 (17%)	Tao et al. 2017
		<i>Miniopterus sp.</i>	Kenya	Fecal swabs	18/300 (6%)	Tao et al. 2017
		<i>Megaloglossus woermannii</i>	Cameroon	Liver, rectal (& oral) swabs	2/184 (1.1%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Myonycteris angolensis</i>	Guinea	Rectal swabs	1/42 (2.4%)	Lecroix et al. 2020
		<i>Myonycteris angolensis</i>	Kenya	Fecal	3 [#]	Waruhu et al. 2017
	Novel/unclassified alphacoronaviruses	<i>Mops condylurus</i>	Cameroon	Rectal (& oral) swabs	16/176 (9.6%)	Nziza et al. 2019 Anthony et al. 2017a
		<i>Mops condylurus</i>	DRC	Rectal (& oral) swabs	7/104 (6.7%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Mops condylurus</i>	Tanzania	Rectal (& oral) swabs	105/220 (47.7%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Mops condylurus</i>	Mozambique	Rectal swabs	11/54 (20.4%)	Joffrin et al. 2020
		<i>Mops midas</i>	South Africa	Fecal/ rectal specimens	1/2 (50%)	Geldenhuys et al. 2013
		<i>Mormopterus acetabulosus</i>	Madagascar	Intestine and rectal swabs	4/21 (19%)	Joffrin et al. 2020
		<i>Mormopterus jugularis</i>	Madagascar	Intestine and rectal swabs	10/63 (15.9%)	Joffrin et al. 2020
		<i>Myotis punicus</i>	Tunisia	Fecal	3/8 (37.5%)	Ar Gouilh et al. 2018
		<i>Myotis welwitschii</i>	Uganda	Rectal and oral swabs	2/256 (0.8%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Neoromicia capensis</i>	South Africa	Fecal/ rectal specimens	1/10 (10%)	Geldenhuys et al. 2013
		<i>Neoromicia capensis</i>	South Africa	Fecal	4/11 (36.4%)	Ithete et al. 2013
		<i>Neoromicia capensis</i>	South Africa	Fecal/ rectal specimens	1/41 (2.44%)	Geldenhuys et al. 2018
		<i>Otomops martinsseni</i>	Kenya	Fecal swabs	2/19 (10.5%)	Tong et al. 2009
		<i>Otomops martinsseni</i>	Kenya	Fecal swabs	10/35 (28.6%)	Tao et al. 2017
		<i>Otomops martinsseni</i>	Rwanda	Rectal (& oral) swabs	5/102 (4.9%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Pipistrellus inexpectatus</i>	Cameroon	Rectal (& oral) swabs	2/4 (50%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Rhinolophus aleyone</i>	Cameroon	Rectal (& oral) swabs	1/6 (16.7%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Rhinolophus clivosus</i>	Uganda	Rectal (& oral) swabs	3/39 (7.7%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Rhinolophus darlingi</i>	Guinea	Fecal	2/5 (40%)	Lecroix et al. 2020
		<i>Rhinolophus euryale</i>	Morocco	Fecal	1/3 (33.3%)	Ar Gouilh et al. 2018
		<i>Rhinolophus hildebrandtii</i>	Kenya	Fecal swabs	Unspecified - up to 5/16	Tao et al. 2017
		<i>Rhinolophus hildebrandtii</i>	Kenya	Fecal swabs	7/58 (12.1%)	Tao et al. 2017
		<i>Rhinolophus landeri</i>	Kenya	Fecal	1 [#]	Waruhu et al. 2017
		<i>Rhinolophus lobatus</i>	Mozambique	Rectal swabs	6/9 (66.7%)	Joffrin et al. 2020
		<i>Rhinolophus fumigatus</i>	Kenya	Fecal	1 [#]	Waruhu et al. 2017
		<i>Rhinolophus rhodesiae</i>	Mozambique	Rectal swabs	9/30 (30%)	Joffrin et al. 2020
		<i>Rhinolophus sp.</i>	Kenya	Fecal swabs	13/45 (28.9%)	Tao et al. 2017
		<i>Rhinolophus sp.</i>	Rwanda	Rectal swabs	1/23 (4.3%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Rhinolophus sp.</i>	Mozambique	Rectal swabs	1/2 (50%)	Joffrin et al. 2020
		<i>Rousettus aegyptiacus</i>	Kenya	Fecal swabs	Unspecified - up to 10/20	Tong et al. 2009
		<i>Rousettus aegyptiacus</i>	Kenya	Fecal swabs	Unspecified - up to 18/397	Tao et al. 2017
		<i>Rousettus aegyptiacus</i>	Tanzania	Fecal	1/453 (0.2%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Rousettus aegyptiacus</i>	Guinea	Rectal and oral swabs	7/120 (5.8%)	Lecroix et al. 2020
		<i>Scotoecus sp.</i>	Tanzania	Fecal	1/1 (100%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Scotophilus dingani</i>	Kenya	Fecal swabs	1/14 (7.14%)	Tao et al. 2017
		<i>Scotophilus dingani</i>	Cameroon	Rectal (& oral) swabs	1/12 (8.3%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Scotophilus dingani</i>	DRC	Rectal (& oral) swabs	1/31 (3.2%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Scotophilus leucogaster</i>	Cameroon	Rectal (& oral) swabs	13/33 (39.4%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Scotophilus nux</i>	Cameroon	Rectal swabs	2/3 (66.7%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Chaerephon sp.</i>	Kenya	Fecal swabs	1/38 (2.63%)	Tong et al. 2009
		<i>Hipposideros caffer</i>	Rwanda	Rectal (& oral) swabs	1/65 (1.5%)	Anthony et al. 2017a/ PREDICT1&2*

Betacoronavirus

Sarbecovirus subgenus (SARS-CoV and SARS-related viruses)	Similar to Human SARS-CoV	<i>Hipposideros ruber</i>	Rwanda	Rectal swab	1/2 (50%)	Nziza et al. 2019
			COG	Rectal (& oral) swabs	1/8 (12.5%)	Anthony et al. 2017a/ PREDICT1&2*
			Cameroon	Rectal (& oral) swabs	11/674 (1.6%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Rhinolophus hildebrandtii</i>	Kenya	Fecal swabs	Unspecified - up to 5/16
		<i>Rhinolophus clivosus</i>	Rwanda	Fecal	2/7 (28.6%)	Tao et al. 2017
			Rwanda	Rectal (& oral) swabs	3/24 (12.5%)	Nziza et al. 2019, Anthony et al. 2017a/ PREDICT1&2*
			Uganda	Rectal (& oral) swabs	7/39 (17.9%)	Anthony et al. 2017a/ PREDICT1&2*
			Kenya	Fecal material	1 [#]	Waruhiu et al. 2017
		<i>Hipposideros caffer</i>	Rwanda	Rectal swab	1/16 (6.25%) 4/65 (6.2%)	Nziza et al. 2019 Anthony et al. 2017a/ PREDICT1&2*
			Cameroon	rectal swab	1/167 (0.6%)	Anthony et al. 2017a/ PREDICT1&2*
			Tanzania	Rectal (& oral) swabs	2/15 (13.3%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Hipposideros commersoni</i> (<i>Macronycteris vitattus</i> / <i>M. gigas</i>)	Nigeria	Gastrointestinal tract	1 [#]	Quan et al. 2010
Hibecovirus subgenus (Bat coronaviruses; sister clade to Sarbecovirus)	Similar to Hibecovirus	<i>Hipposideros gigas</i> (<i>Macronycteris gigas</i>)	Cameroon	Oral and rectal swab	9/112 (9%)	Anthony et al. 2017a/ PREDICT1&2*
			Gabon	Intestine	3/156 (1.92%)	Maganga et al. 2020
			Ghana	Fecal	7/59 (11.86%)	Pfefferle et al. 2009
			Gabon	Intestine	1/387	Maganga et al. 2014
		<i>Hipposideros ruber</i>	Rwanda	Rectal swab	1/13 (7.7%)	Anthony et al. 2017a/ PREDICT1&2*
			Guinea	Rectal and oral swabs; Fecal	2/21 (9.5%)	Lcroix et al. 2020
			<i>Hipposideros sp.</i>	Zimbabwe	Colony-collected fecal samples	1/123 (0.81%)
			<i>Rhinolophus clivosus</i>	Rwanda	Rectal swab	1/24 (4.17%)
		<i>Myonycteris angolensis</i> (<i>Lissonycteris angolensis</i>)	Rwanda	Rectal swab	3/6024 (5%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Neoromicia capensis</i>	South Africa	Fecal	1/11 (9.09%)	Ithete et al. 2013
			South Africa	Intestine	1/41 (2.44%)	Geldenhuys et al. 2018
Merbecovirus subgenus (lineage C, includes MERS-related viruses as well as more distantly related viruses)	MERS-related species	<i>Pipistrellus hesperidus</i>	Uganda	Rectal swab	2/7 (28.2%)	Anthony et al. 2017b, PREDICT1&2*
		<i>Nycteris cf. gambiensis</i>	Ghana	Fecal	46/185 (24.9%)	Annan et al. 2013
		<i>Nycteris macrotis</i>	Guinea	Fecal	1/3 (33.3%)	Lcroix et al. 2020
		<i>Nycteris thebaica</i>	Mozambique	Rectal swabs	4/14 (28.6%)	Joffrin et al. 2020
		<i>Chaecephon sp.</i>	Kenya	Fecal	Unspecified - up to 5/38	Tong et al. 2009
	Novel/unclassified	<i>Eidolon dupreanum</i>	Madagascar	Rectal swab	1/96 (1.04%)	Razanajatovo et al. 2015
			Kenya	Fecal swabs	6/10 (60%)	Tong et al. 2009
			Kenya	Fecal	28 [#]	Waruhiu et al. 2017
			Kenya	Fecal swabs	38/181 (21%)	Tao et al. 2017
			Nigeria	Fecal	6/79 (7.6%)	Leopardi et al. 2016
			Cameroon	Fecal	13/24 pools (54%)	Yinda et al. 2018
			Tanzania	Rectal swabs	413/1432 (28.8%)	Anthony et al. 2017a/ PREDICT1&2*
			Cameroon	Rectal and oral swabs	15/302 (5%)	Anthony et al. 2017a/ PREDICT1&2*
			COG	Rectal (& oral) swabs	18/34 (52.9%)	Anthony et al. 2017a/ PREDICT1&2*
			Rwanda	Rectal swabs	13/111 (11.71%) 31/221 (14%)	Nziza et al. 2019 Anthony et al. 2017a/ PREDICT1&2*
		<i>Eidolon helvum</i>	DRC	Rectal (& oral) swabs	8/69 (11.6%)	Anthony et al. 2017a/ PREDICT1&2*
			Guinea	Rectal swabs	4/9 (44.4%)	Lcroix et al. 2020
			Cameroon	pooled spleen, liver, rectal swab	3/241 (1.2%)	Anthony et al. 2017a/ PREDICT1&2*
			DRC	Rectal (& oral) swabs	13/98 (13.3%)	Anthony et al. 2017a/ PREDICT1&2*
			COG	Rectal (& oral) swabs	14/133 (10.5%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Epomophorus gambianus</i>	Cameroon	Rectal (& oral) swabs	17/32 (53.1%)	Anthony et al. 2017a/ PREDICT1&2*
			Guinea	Rectal swabs and fecal	5/87 (5.7%)	Lcroix et al. 2020
			Kenya	Fecal swabs	Unspecified - up to 9/35	Tao et al. 2017
			Rwanda	Rectal swab	1/97 (1.03%) 2/94 (2.1%)	Nziza et al. 2019 Anthony et al. 2017a/ PREDICT1&2*
			Kenya	Fecal swabs	4/63 (6.4%)	Tao et al. 2017
		<i>Epomophorus labiatus</i>	Tanzania	Rectal swabs	3/47 (6.4%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Epomophorus wahlbergi</i>	Kenya	Fecal swabs	1/10 (10%)	Tong et al. 2009
		<i>Epomophorus spp.</i>	Cameroon	Rectal swab	5 [#]	Anthony et al. 2017a/ PREDICT1&2*
		<i>Hipposideros commersoni</i> (<i>Macronycteris vitattus</i> / <i>M. gigas</i>)	Kenya	Rectal (& oral) swabs	8/61 (13.1%)	Anthony et al. 2017a/ PREDICT1&2*
		<i>Meanaloalossus woermannii</i>	DRC	Rectal (& oral) swabs	5 [#]	Anthony et al. 2017a/ PREDICT1&2*

<i>Nobecovirus</i> subgenus (bat coronaviruses)	Similar to HKU9 and CMR704 species/ unclassified		<i>Micropteropus pusillus</i>	COG	Rectal (& oral) swabs	3/95 (3.2%)	Anthony et al. 2017a/ PREDICT1&2*
				Cameroon	Rectal (& oral) swabs	7/184 (3.8%)	Anthony et al. 2017a/ PREDICT1&2*
				CAF	Lung	2/533 (0.38%)	Maganga et al. 2014
				Cameroon	Rectal (& oral) swabs	7#	Anthony et al. 2017a/ PREDICT1&2*
				DRC	Pooled liver, spleen, rectal swabs	42/520 (8.1%)	Anthony et al. 2017a/ PREDICT1&2*
				COG	Rectal (& oral) swabs	5/55 (9.1%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Mops condylurus</i>	Cameroon	Rectal swabs	2/176 (1.2%)	Anthony et al. 2017a/ PREDICT1&2*
				COG	Rectal (& oral) swabs	1/1 (100%)	Anthony et al. 2017a/ PREDICT1&2*
				Tanzania	Rectal (& oral) swabs	1/220 (0.5%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Myonycteris angolensis</i>	Rwanda	Rectal swabs	1/45 (2.22%)	Nziza et al. 2019, Anthony et al. 2017a/ PREDICT1&2*
				Guinea	Rectal swabs	2/42 (4.76%)	Lecroix et al. 2020
			<i>Myonycteris torquata</i>	Cameroon	Rectal swabs	1/37 (2.7%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Myonycteris spp.</i>	DRC	Pooled liver, spleen, rectal swabs	1/1 (100%)	Anthony et al. 2017a/ PREDICT1&2*
				COG	Rectal (& oral) swabs	3/3 (100%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Nanonycteris veldkampii</i>	Guinea	Rectal swabs	1/1 (100%)	Lecroix et al. 2020
			<i>Pipistrellus deserti</i>	Egypt	Liver	1/31' (3.26%)	Shehata et al. 2016
			<i>Pteropus rufus</i>	Madagascar	Rectal swab	13/76 (17.1%)	Razanajatovo et al. 2015
				Egypt	Oral, rectal, lung. Liver	17/257 (6.62%)	Shehata et al. 2016
				Kenya	Fecal	10#	Waruhu et al. 2017
				Kenya	Fecal swabs	Unspecified - up to 10/20	Tong et al. 2009
				Kenya	Fecal swabs	Unspecified - up to 18/397	Tao et al. 2017
			<i>Rousettus aegyptiacus</i>	Cameroon	spleen, liver, rectal swabs	9/201 (4.5%)	Anthony et al. 2017a/ PREDICT1&2*
				Rwanda	Rectal (& oral) swabs	4/36 (11.1%) 10/286 (3.5%)	Nziza et al. 2019 Anthony et al. 2017a/ PREDICT1&2*
				Tanzania	Rectal (& oral) swabs	20/453 (4.4%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Rousettus madagascariensis</i>	Guinea	Rectal and oral swabs	5/120 (4.2%)	Lecroix et al. 2020
				Madagascar	Rectal swabs	6/45 (13.3%)	Joffrin et al. 2020
			<i>Rhinolophus sp.</i>	DRC	Rectal (& oral) swabs	1/62 (1.6%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Scotophilus dinganii</i>	Cameroon	Rectal (& oral) swabs	2/12 (16.7%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Scotophilus leucogaster</i>	Cameroon	Rectal (& oral) swabs	2/33 (6.1%)	Anthony et al. 2017a/ PREDICT1&2*
			<i>Triaenops sp.</i>	Tanzania	Rectal swabs	5/50 (10%)	Anthony et al. 2017a/ PREDICT1&2*

Abbreviations: DRC - Democratic Republic of the Congo; COG - Republic of the Congo; CAF - Central African Republic

Unspecified totals tested per species - Quan et al. 2010 and Waruhu et al. 2017

* Totals positive and numbers per species are not indicated in Anthony et al. 2017a; sample numbers were obtained from <https://www.healthmap.org/predict/> as "Predict 1 & 2 surveillance and test data"

| is used to separate sample numbers indicated in Nziza et al. 2019 based on PREDICT surveillance and the totals accessed via <https://www.healthmap.org/predict/> as "Predict 1 & 2 surveillance and test data"

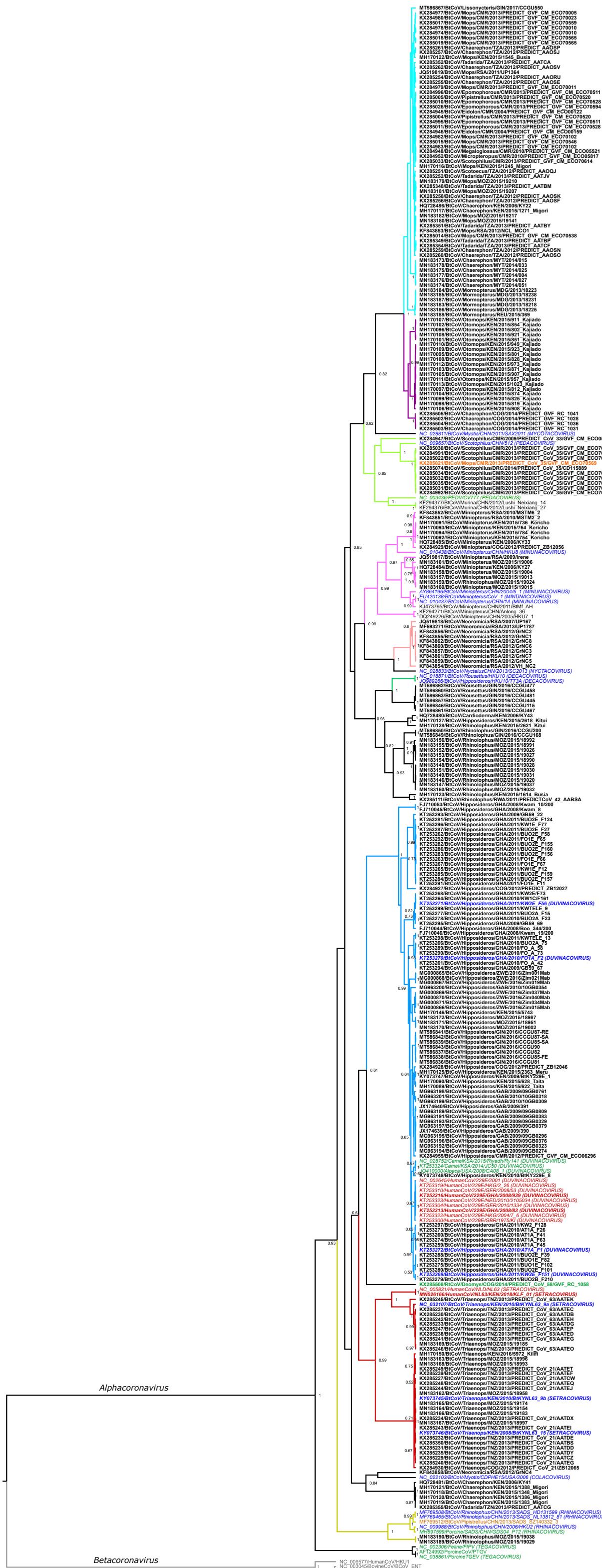




Figure S2