

Supplementary Materials: Wide Diversity of Coronaviruses in Frugivorous and Insectivorous Bat Species: A Pilot Study in Guinea, West Africa

Table S1. Details on coronavirus reference sequences used in phylogenetic tree analysis.

Strain	Country	Year	Host	Accession	Virus type
BtKY24	Kenya	2006	<i>Eidolon helvum</i>	HQ728482	Beta-CoV
CMR900	Cameroon	2013	<i>Eidolon helvum</i>	MG693169	Beta-CoV
BtKY95	Kenya	2007	<i>Eidolon helvum</i>	GU065439	Beta-CoV
BtKY92	Kenya	2007	<i>Eidolon helvum</i>	GU065436	Beta-CoV
18930	Madagascar	2014	<i>Rousettus madagascariensis</i>	MN183192	Beta-CoV
BtKY89	Kenya	2007	<i>Eidolon helvum</i>	GU065433	Beta-CoV
130403Eh04 (PREDICT)	Kenya	2013	<i>Eidolon helvum</i>	KX285108	Beta-CoV
BtKY44	Kenya	2007	<i>Eidolon helvum</i>	GU065388	Beta-CoV
8466-11	Madagascar	2011	<i>Eidolon dupreanum</i>	KF859764	Beta-CoV
CMR891	Cameroon	2013	<i>Eidolon helvum</i>	MG693171	Beta-CoV
CMR704	Cameroon	2013	<i>Eidolon helvum</i>	MG693168	Beta-CoV
CMR705	Cameroon	2013	<i>Eidolon helvum</i>	MG693172	Beta-CoV
KSA282	Saudi Arabia	2012	<i>Eidolon helvum</i>	MH396479	Beta-CoV
ECO70332 (PREDICT)	Cameroon	2013	<i>Micropterus pusillus</i>	KX284986	Beta-CoV
ECO70527 (PREDICT)	Cameroon	2013	<i>Epomophorus gambianus</i>	KX285008	Beta-CoV
ECO70509 (PREDICT)	Cameroon	2013	<i>Epomophorus gambianus</i>	KX284993	Beta-CoV
CD115912 (PREDICT)	DRC	2014	<i>Micropterus pusillus</i>	KX285075	Beta-CoV
CD116103 (PREDICT)	DRC	2014	<i>Epomops franqueti</i>	KX285102	Beta-CoV
RC1159 (PREDICT)	Congo	2014	<i>Eidolon helvum</i>	KX285513	Beta-CoV
BtKY56	Kenya	2007	<i>Epomophorus labiatus</i>	GU065400	Beta-CoV
AATHA (PREDICT)	Tanzania	2013	<i>Epomophorus</i> sp.	KX285299	Beta-CoV
140403Bt16 (PREDICT)	Rwanda	2014	<i>Epomophorus labiatus</i>	KX285431	Beta-CoV
130518Bt35 (PREDICT)	Rwanda	2013	<i>Rousettus aegyptiacus</i>	KX285428	Beta-CoV
130512Bt05 (PREDICT)	Rwanda	2013	<i>Myonycteris angolensis</i>	KX285426	Beta-CoV
CMR66	Cameroon	2013	<i>Eidolon helvum</i>	MG693170	Beta-CoV
BtKY27	Kenya	2006	<i>Rousettus aegyptiacus</i>	HQ728484	Alpha-CoV
BtKY78	Kenya	2007	<i>Rousettus aegyptiacus</i>	GU065422	Beta-CoV
HKU9-10-1	China	2006	<i>Rousettus</i> sp.	HM211100	Beta-CoV
HKU9-3	China	NA	NA	EF065515	Beta-CoV

GCCDC1_356	China	2014	<i>Rousettus leschenaulti</i>	NC_030886	Beta-CoV
ANK011F	Madagascar	2010	<i>Pteropus rufus</i>	KF859760	Beta-CoV
8563-11	Madagascar	2011	<i>Pteropus rufus</i>	KP696744	Beta-CoV
BJ232	China	2014	canine	KX432213	Beta-CoV
HY24	China	2017	yak	MH810163	Beta-CoV
PHE	China	2008	porcine	KY994645	Beta-CoV
OC43	China	2010	human	KP198611	Beta-CoV
OC43LRTI238	Mexico	2011	human	KX344031	Beta-CoV
HKU14-3	Hong Kong	2007	rabbit	JN874560	Beta-CoV
HKU1-12	USA	2010	human	KF686346	Beta-CoV
HKU1	Hong Kong	NA	human	AY597011	Beta-CoV
CCK-NC7	South Africa	2015	<i>Neoromicia capensis</i>	MG817490	Beta-CoV
CDK-NC1	South Africa	2015	<i>Neoromicia capensis</i>	MG205591	Beta-CoV
SRP-NC3	South Africa	2014	<i>Neoromicia capensis</i>	MG817484	Beta-CoV
CGR-NC3	South Africa	2015	<i>Neoromicia capensis</i>	MG817486	Beta-CoV
HKU697	Burkina Faso	2015	camel	MG923473	Beta-CoV
Al-Hasa	Saudi Arabia	2013	human	KF600644	Beta-CoV
5038	South Africa	2015	<i>Neoromicia capensis</i>	MF593268	Beta-CoV
PML-PHE	South Africa	2011	<i>Neoromicia capensis</i>	KC869678	Beta-CoV
PDF-2180	Uganda	2013	<i>Pipistrellus hesperidus</i>	NC_034440	Beta-CoV
18974	Mozambique	2015	<i>Nycteris thebaica</i>	MN183195	Beta-CoV
KW2E-F82	Ghana	2011	<i>Nycteris</i> sp.	JX899382	Beta-CoV
It2	Italy	2009	<i>Rhinolophus ferrumequinum</i>	KC633200	Beta-CoV
FR0711-B3	France	2011	<i>Rhinolophus ferrumequinum</i>	KC633207	Beta-CoV
BB99-04	Belgium	2009	<i>Rhinolophus euryale</i>	KC633202	Beta-CoV
BtKY72	Kenya	2007	<i>Rhinolophus</i> sp.	KY352407	Beta-CoV
441	Rwanda	2008	<i>Rhinolophus clivosus</i>	JQ649535	Beta-CoV
Wuhan-Hu-1	China	2019	human	NC_045512	Beta-CoV
761203	France	2020	human		Beta-CoV
RaTG13	China	2013	<i>Rhinolophus affinis</i>	MN996532	Beta-CoV
GX-P4L	China	2017	pangolin	MT040333	Beta-CoV
Tor2	Canada	NA	human	AY274119	Beta-CoV
SZ3	Hong Kong	2003	civet	AY304486	Beta-CoV
RsSHC014	China	2011	<i>Rhinolophus sinicus</i>	KC881005	Beta-CoV
As6526	China	2014	<i>Aselliscus stoliczkanus</i>	KY417142	Beta-CoV
Rs4874	China	2013	<i>Rhinolophus sinicus</i>	KY417150	Beta-CoV
HKU3-1	China	NA	<i>Rhinolophus</i> sp.	DQ022305	Beta-CoV

Rp-Shaanxi2011	China	2011	<i>Rhinolophus pusillus</i>	JX993987	Beta-CoV
ECO70036 (PREDICT)	Cameroon	2013	<i>Hipposideros caffer</i>	KX284981	Beta-CoV
13BG0214	Gabon	2013	<i>Hipposideros gigas</i>	MG963186	Beta-CoV
13GB215	Gabon	2013	<i>Hipposideros gigas</i>	MG963187	Beta-CoV
13GB0273	Gabon	2013	<i>Hipposideros gigas</i>	MG963188	Beta-CoV
292	Gabon	2009	<i>Hipposideros caffer</i>	JX174638	Beta-CoV
CS105	Gabon	2009	<i>Hipposideros ruber</i>	MG963190	Alpha-CoV
390	Gabon	2009	<i>Hipposideros caffer</i>	JX174639	Alpha-CoV
09GB0376	Gabon	2009	<i>Hipposideros ruber</i>	MG963196	Alpha-CoV
09GB0379	Gabon	2009	<i>Hipposideros ruber</i>	MG963197	Alpha-CoV
10GB0318	Gabon	2010	<i>Hipposideros ruber</i>	MG963201	Alpha-CoV
10GB0354	Gabon	2010	<i>Hipposideros gigas</i>	MG963200	Alpha-CoV
Kwam31	Ghana	2008	<i>Hipposideros</i> sp.	FJ710049	Beta-CoV
19020	Mozambique	2015	<i>Rhinolophus rhodesiae</i>	MN183146	Alpha-CoV
19030	Mozambique	2015	<i>Rhinolophus rhodesiae</i>	MN183151	Alpha-CoV
18991	Mozambique	2015	<i>Rhinolophus lobatus</i>	MN183155	Alpha-CoV
BtKY83	Kenya	2007	<i>Rhinolophus</i> sp.	GU065427	Alpha-CoV
19217	Mozambique	2015	<i>Mops condylurus</i>	MN183182	Alpha-CoV
AATBM (PREDICT)	Tanzania	2013	<i>Tadarida</i> sp.	KX285348	Alpha-CoV
19207	Mozambique	2015	<i>Mops condylurus</i>	MN183181	Alpha-CoV
DC84	South Africa	2016	<i>Rhinolophus simulator</i>	MG310234	Alpha-CoV
AAOSV (PREDICT)	Tanzania	2012	<i>Chaerephon pumilus</i>	KX285262	Alpha-CoV
ECO05817 (PREDICT)	Cameroon	2010	<i>Micropterus pusillus</i>	KX284952	Alpha-CoV
ECO70102 (PREDICT)	Cameroon	2013	<i>Mops condylurus</i>	KX284982	Alpha-CoV
ECO70538 (PREDICT)	Cameroon	2013	<i>Mops condylurus</i>	KX285014	Alpha-CoV
AATCA (PREDICT)	Tanzania	2013	<i>Tadarida</i> sp.	KX285352	Alpha-CoV
18238	Madagascar	2013	<i>Mormopterus jugularis</i>	MN183185	Alpha-CoV
369	Reunion	2015	<i>Mormopterus</i> sp.	MN183188	Alpha-CoV
004	Mayotte	2014	<i>Chaerephon pusillus</i>	MN183177	Alpha-CoV
HK140714	China	2018	<i>Scotophilus kuhlii</i>	MN611521	Alpha-CoV
GX2018A	China	2017	<i>Scotophilus kuhlii</i>	MK211369	Alpha-CoV
D5.73	Germany	2007	<i>Pipistrellus</i>	EU375869	Alpha-CoV
HKU6-1	China	NA	<i>Myotis</i> sp.	DQ249224	Alpha-CoV
SAX2011	China	2011	<i>Myotis riketti</i>	KJ473806	Alpha-CoV
LUX15	Luxembourg	2015	<i>Myotis emarginatus</i>	KY502383	Alpha-CoV
Kwam27	Ghana	2008	<i>Hipposideros</i> sp.	FJ710050	Beta-CoV
Kwam20	Ghana	2008	<i>Hipposideros</i> sp.	FJ710047	Beta-CoV
Boo348	Ghana	2008	<i>Hipposideros</i> sp.	FJ710043	Beta-CoV
Kwam19	Ghana	2008	<i>Hipposideros</i> sp.	FJ710046	Alpha-CoV
Boo344	Ghana	2008	<i>Hipposideros</i> sp.	FJ710044	Alpha-CoV
KW1C-F161	Ghana	2010	<i>Hipposideros ruber</i>	KT253264	Alpha-CoV

BtKY229E-8	Kenya	2010	<i>Hipposideros vittatus</i>	KY073748	Alpha-CoV
229E	NA	NA	human	AF304460	Alpha-CoV
18987	Mozambique	2015	<i>Hipposideros caffer</i>	MN183172	Alpha-CoV
Zaria	Nigeria	2008	<i>Hipposideros commersoni</i>	HQ166910	Beta-CoV
Zim035Mag	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000872	Beta-CoV
Zim019Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000867	Alpha-CoV
Zim021Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000866	Alpha-CoV
Zim001Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000865	Alpha-CoV
Zim037Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000869	Alpha-CoV
Zim034Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000871	Alpha-CoV
Zim015Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000866	Alpha-CoV
Zim040Mab	Zimbabwe	2016	<i>Hipposideros</i> sp.	MG000870	Alpha-CoV
19174	Mozambique	2015	<i>Triaenops afer</i>	MN183165	Alpha-CoV
BtKYNL63-15	Kenya	2008	<i>Triaenops afer</i>	KY073746	Alpha-CoV
GD03	China	2018	human	MK334044	Alpha-CoV
NL63	Kenya	2014	human	KP112154	Alpha-CoV
BtNv-SC2013	China	2013	<i>Nyctalus velutinus</i>	KJ473809	Alpha-CoV
GZ151867	China	2015	<i>Tylonycteris robustala</i>	MK720944	Alpha-CoV
19013	Mozambique	2015	<i>Miniopterus mossambicus</i>	MN183157	Alpha-CoV
19024	Mozambique	2015	<i>Rhinolophus rhodesiae</i>	MN183159	Alpha-CoV
BtKY06	Kenya	2006	<i>Rousettus aegyptiacus</i>	HQ728483	Alpha-CoV
HKU7-1	China	NA	<i>Miniopterus magnater</i>	DQ249226	Alpha-CoV
CoV100	Australia	2007	<i>Rhinolophus megaphyllus</i>	EU834953	Alpha-CoV
HKU8-1	China	NA	<i>Micropterus pusillus</i>	DQ249228	Alpha-CoV
GD2012	China	2012	<i>Micropterus fuliginosus</i>	KJ473797	Alpha-CoV
19038	Mozambique	2015	<i>Rhinolophus rhodesiae</i>	MN183190	Alpha-CoV
19029	Mozambique	2015	<i>Rhinolophus lobatus</i>	MN183189	Alpha-CoV
BCoV-ENT	US	2001	bovine	AF391541	Beta-CoV
MHV	US	2003	<i>Mus musculus</i>	FJ647226	Beta-CoV
PHEV	Belgium	2005	porcine	DQ011855	Beta-CoV
PEDV-CV777	NA	1993	porcine	AF353511	Alpha-CoV
UU10	Netherlands	2007	feline	FJ938059	Alpha-CoV
TGEV-AHHF	China	2015	porcine	KX499468	Alpha-CoV
PRCV	US	2006	porcine	DQ811787	Alpha-CoV
rodentCoV-JC34	China	2011	<i>Apodemus chevrieri</i>	NC_034972	Alpha-CoV
FIPV	US	2011	feline	KC461237	Alpha-CoV
RatCoV	China	2013	rodent	KF294380	Alpha-CoV

NA: Non Applicable (missing data).