

Table S1. Details of surveillance studies for lyssavirus nucleic acid detection in Africa

Bat species	Proposed taxonomic update ¹	Family	Number tested	Number positive	Country	Lyssavirus detected	Reference
<i>Eidolon helvum</i>		PTEROPIDAE	42	1	Nigeria	Lagos bat virus	[1]
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	59	0	Madagascar		[2]
<i>Scotophilus dinganii</i>		VESPERTILLIONIDAE	3	0	South Africa		[3]
<i>Pipistrellus nanus</i>	<i>Laephotis nanus, Afronycteris nana</i>	VESPERTILLIONIDAE	6	0	South Africa		
<i>Epomophorus wahlbergi</i>		PTEROPIDAE	29	0	South Africa		
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	6	0	South Africa		
<i>Rhinolophus</i> sp.		RHINOLOPHIDAE	12	0	South Africa		
<i>Miniopterus natalensis</i>		MINIOPTERIDAE	10	0	South Africa		
<i>Nycteris thebaica</i>		NYCTERIDAE	3	0	South Africa		
<i>Otomops martiensseni</i>		MOLOSSIDAE	5	0	South Africa		
Not determined		Not determined	6	0	South Africa		
<i>Pipistrellus hesperidus</i>		VESPERTILLIONIDAE	3	0	South Africa		
<i>Rhinolophus darlingi</i>		RHINOLOPHIDAE	1	0	South Africa		
<i>Pipistrellus kuhli</i>	<i>Pipistrellus hesperidus</i>	VESPERTILLIONIDAE	2	0	South Africa		
<i>Hipposideros caffer</i>		HIPPOSIDERIDAE	2	0	South Africa		
<i>Rhinolophus hildebrandti</i>		RHINOLOPHIDAE	1	0	South Africa		
<i>Neoromicia africana</i>	<i>Laephotis</i> sp.	VESPERTILLIONIDAE	1	0	South Africa		
<i>Rhinolophus clivosus</i>		RHINOLOPHIDAE	7	0	South Africa		
<i>Neoromicia capensis</i>	<i>Laephotis capensis</i>	VESPERTILLIONIDAE	2	0	South Africa		
<i>Miniopterus</i> sp.		MINIOPTERIDAE	202	0	Kenya		[4]
<i>Rhinolophus</i> sp.		RHINOLOPHIDAE	61	0	Kenya		
<i>Rousettus aegyptiacus</i>		PTEROPIDAE	345	0	Kenya		
<i>Hipposideros ruber</i>		HIPPOSIDERIDAE	6	0	Kenya		
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	24	0	Kenya		
<i>Eidolon helvum</i>		PTEROPIDAE	109	1	Kenya	Lagos bat virus	
<i>Epomophorus labiatus</i>		PTEROPIDAE	7	0	Kenya		
<i>Chaerephon</i> sp.	<i>Mops</i> sp.	MOLOSSIDAE	51	0	Kenya		
<i>Rousettus angolensis</i>		PTEROPIDAE	10	0	Kenya		
<i>Miniopterus inflatus</i>		MINIOPTERIDAE	12	0	Kenya		
<i>Eptesicus tenuipinnis</i>	<i>Laephotis tenuipinnis</i>	VESPERTILLIONIDAE	4	0	Kenya		
<i>Rhinolophus landeri</i>		RHINOLOPHIDAE	18	0	Kenya		

<i>Otomops martiensseni</i>		MOLOSSIDAE	19	0	Kenya		
<i>Pipistrellus</i> sp.		VESPERTILLIONIDAE	5	0	Kenya		
<i>Epomophorus wahlbergi</i>		PTEROPIDAE	12	0	Kenya		
<i>Miniopterus africanus</i>		MINIOPTERIDAE	29	0	Kenya		
<i>Rhinolophus hildebrandti</i>		RHINOLOPHIDAE	22	0	Kenya		
<i>Nycteris</i> sp.		NYCTERIDAE	2	0	Kenya		
<i>Neoromicia</i> sp.	<i>Laephotis</i> sp.	VESPERTILLIONIDAE	2	0	Kenya		
<i>Coleura afra</i>		EMBALLONURIDAE	36	0	Kenya		
<i>Taphozous</i> sp.		EMBALLONURIDAE	2	0	Kenya		
<i>Cariodermis cor</i>		MEGADERMITIDAE	26	0	Kenya		
Not determined		Not determined	4	0	Kenya		
<i>Hipposideros commersoni</i>	<i>Macronycteris vittatus</i>	HIPPOSIDERIDAE	16	0	Kenya		
<i>Miniopterus minor</i>		MINIOPTERIDAE	134	0	Kenya		
<i>Nycteris hispida</i>		NYCTERIDAE	4	0	Kenya		
<i>Triaenops persicus</i>	<i>Triaenops afer</i>	RHINONYCTERIDAE	16	0	Kenya		
<i>Taphozous hildegardeae</i>		EMBALLONURIDAE	3	0	Kenya		
<i>Scotophilus</i> sp.		VESPERTILLIONIDAE	1	0	Kenya		
Not determined		Not determined	616	1	Kenya	Shimoni bat virus	[5]
<i>Eidolon helvum</i>		PTEROPIDAE	223	0	Nigeria		[6]
<i>Micropterus pusillus</i>	<i>Epomophorus pusillus</i>	PTEROPIDAE	55	0	Nigeria		
<i>Epomophorus gambianus</i>		PTEROPIDAE	12	0	Nigeria		
Not determined		Not determined	17	0	Nigeria		
<i>Rhinolophus alcyone</i>		RHINOLOPHIDAE	43	0	Nigeria		
<i>Eidolon helvum</i>		PTEROPIDAE	122	0	Ghana		[7]
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	33	0	Nigeria		[8]
<i>Eidolon helvum</i>		PTEROPIDAE	244	0	Nigeria		
<i>Epomophorus franqueti</i>	<i>Epomops franqueti</i>	PTEROPIDAE	12	0	Nigeria		
<i>Epomophorus gambianus</i>		PTEROPIDAE	5	0	Nigeria		
<i>Lavia frons</i>		MEGADERMITIDAE	3	0	Nigeria		
<i>Nycteris macrotis</i>		NYCTERIDAE	18	0	Nigeria		
<i>Rhinolophus landeri</i>		RHINOLOPHIDAE	37	0	Nigeria		
<i>Rhinopoma microphyllum</i>		RHINOPOMATIDAE	4	0	Nigeria		
<i>Eidolon helvum</i>		PTEROPIDAE	630	1	Ghana	Lagos bat virus	[9]
Not determined		Not determined	550	0	Southwest Indian Ocean Islands		[10]

<i>Eidolon heloum</i>		PTEROPIDAE	19	0	Democratic Republic of Congo	[11]
<i>Micropteropus pussilus</i>	<i>Epomophorus pussilus</i>	PTEROPIDAE	1	0	Democratic Republic of Congo	
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	24	0	Democratic Republic of Congo	
<i>Chaerephon sp.</i>	<i>Mops sp.</i>	MOLOSSIDAE	22	0	Democratic Republic of Congo	
<i>Glauconycteris argentata</i>		VESPERTILLIONIDAE	1	0	Democratic Republic of Congo	
<i>Hipposideros fuliginosus</i>		HIPPOSIDERIDAE	20	0	Democratic Republic of Congo	
<i>Hipposideros gigas</i>	<i>Macronycteris gigas</i>	HIPPOSIDERIDAE	1	0	Democratic Republic of Congo	
<i>Hypsignathus monstrosus</i>		PTEROPIDAE	2	0	Democratic Republic of Congo	
<i>Megaglossus woermanni</i>		PTEROPIDAE	8	0	Democratic Republic of Congo	
<i>Mimetillus moloneyi</i>		VESPERTILLIONIDAE	1	0	Democratic Republic of Congo	
<i>Miniopterus sp.</i>		MINIOPTERIDAE	39	0	Democratic Republic of Congo	
<i>Mops condylurus</i>		MOLOSSIDAE	33	0	Democratic Republic of Congo	
<i>Myonycteris torquata</i>		PTEROPIDAE	6	0	Democratic Republic of Congo	
<i>Myotis sp.</i>		VESPERTILLIONIDAE	1	0	Democratic Republic of Congo	
<i>Neoromicia sp.</i>		VESPERTILLIONIDAE	1	0	Democratic Republic of Congo	
<i>Pipistrellus sp.</i>		VESPERTILLIONIDAE	36	0	Democratic Republic of Congo	
<i>Rhinolophus sp.</i>		RHINOLOPHIDAE	1	0	Democratic Republic of Congo	
<i>Scotophilus dinganii</i>		VESPERTILLIONIDAE	2	0	Democratic Republic of Congo	

<i>Eidolon helvum</i>		PTEROPIDAE	46	0	Ghana	[12]
<i>Chaerephon ansorgei</i>	<i>Mops ansorgei</i>	MOLOSSIDAE	2	0	South Africa	[13]
<i>Chaerephon pumilus</i>	<i>Mops pumilus</i>	MOLOSSIDAE	18	0	South Africa	
<i>Cloeotis percivali</i>		RHINONYCTERIDAE	5	0	South Africa	
<i>Eptesicus hottentotus</i>		VESPERTILLIONIDAE	1	0	South Africa	
<i>Glauconycteris variegata</i>		VESPERTILLIONIDAE	4	0	South Africa	
<i>Hipposideros caffer</i>		HIPPOSIDERIDAE	17	0	South Africa	
<i>Kerivoula argentata</i>		VESPERTILLIONIDAE	1	0	South Africa	
<i>Laephotis botswanae</i>		VESPERTILLIONIDAE	2	0	South Africa	
<i>Miniopterus fraterculus</i>		MINIOPTERIDAE	5	0	South Africa	
<i>Miniopterus natalensis</i>		MINIOPTERIDAE	124	2	South Africa	Matlo bat lyssavirus
<i>Mops condylurus</i>		MOLOSSIDAE	9	0	South Africa	
<i>Mops midas</i>		MOLOSSIDAE	3	0	South Africa	
<i>Myotis tricolor</i>		VESPERTILLIONIDAE	11	0	South Africa	
<i>Myotis welwitschii</i>		VESPERTILLIONIDAE	1	0	South Africa	
<i>Neoromicia capensis</i>	<i>Laephotis capensis</i>	VESPERTILLIONIDAE	67	0	South Africa	
<i>Neoromicia cf. helios</i>	<i>Laephotis helios</i>	VESPERTILLIONIDAE	4	0	South Africa	
<i>Neoromicia nana</i>	<i>Laephotis nanus/Afromycteris nana</i>	VESPERTILLIONIDAE	13	0	South Africa	
<i>Neoromicia rendalli</i>	<i>Laephotis rendalli/Pseudoromicia rendalli</i>	VESPERTILLIONIDAE	1	0	South Africa	
<i>Neoromicia zuluensis</i>	<i>Laephotis zuluensis</i>	VESPERTILLIONIDAE	3	0	South Africa	
<i>Nycteris thebaica</i>		NYCTERIDAE	42	1	South Africa	Duvenhage virus
<i>Nycticeinops schlieffeni</i>		VESPERTILLIONIDAE	8	0	South Africa	
<i>Otomops martiensseni</i>		MOLOSSIDAE	7	0	South Africa	
<i>Pipistrellus hesperidus</i>		VESPERTILLIONIDAE	20	0	South Africa	
<i>Pipistrellus rusticus</i>		VESPERTILLIONIDAE	35	0	South Africa	
<i>Rhinolophus blasii</i>		RHINOLOPHIDAE	12	0	South Africa	
<i>Rhinolophus clivosus</i>		RHINOLOPHIDAE	30	0	South Africa	
<i>Rhinolophus damarensis</i>		RHINOLOPHIDAE	5	0	South Africa	
<i>Rhinolophus darlingi</i>		RHINOLOPHIDAE	5	0	South Africa	
<i>Rhinolophus hildebrandtii s.l.</i>		RHINOLOPHIDAE	3	0	South Africa	
<i>Rhinolophus denti</i>		RHINOLOPHIDAE	5	0	South Africa	
<i>Rhinolophus landeri</i>		RHINOLOPHIDAE	1	0	South Africa	
<i>Rhinolophus simulator</i>		RHINOLOPHIDAE	50	0	South Africa	
<i>Rhinolophus smithersi</i>		RHINOLOPHIDAE	4	0	South Africa	

<i>Rhinolophus swinnyi</i>	RHINOLOPHIDAE	3	0	South Africa		
<i>Sauromys petrophilus</i>	MOLOSSIDAE	1	0	South Africa		
<i>Scotophilus dinganii</i>	VESPERTILLIONIDAE	49	0	South Africa		
<i>Scotophilus leucogaster</i>	VESPERTILLIONIDAE	5	0	South Africa		
<i>Scotophilus viridis</i>	VESPERTILLIONIDAE	7	0	South Africa		
<i>Tadarida aegyptiaca</i>	MOLOSSIDAE	17	0	South Africa		
<i>Taphozous mauritanus</i>	EMBALLONURIDAE	3	0	South Africa		
<i>Rousettus aegyptiacus</i>	PTEROPIDAE	411	1	South Africa	Lagos bat virus	This report

¹ Proposed taxonomic update according to [14,15]

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