

Table S3. Details of lyssavirus sequences used for phylogenetic analysis

Genbank accession number	Lyssavirus	Phylogroup	Host	Year	Country
KP723638	Rabies virus	I	<i>Canis simensis</i>	2014	Ethiopia
KT336437	Rabies virus	I	<i>Canis lupus familiaris</i>	2012	South Africa
HQ450386	Rabies virus	I	<i>Canis familiaris</i>	Not specified	Mexico
AY352493	Rabies virus	I	<i>Homo sapiens</i>	Not specified	India
KF977826	Rabies virus	I	<i>Homo sapiens</i>	2011	Central African Republic
AF374721	Rabies virus	I	<i>Canis familiaris</i>	Not specified	India
GU358653	Rabies virus	I	<i>Canis familiaris</i>	1994	China
KM594025	Rabies virus	I	<i>Callithrix jacchus</i>	2007	Brazil
AF351847	Rabies virus	I	<i>Desmodus rotundus</i>	1986	Brazil
AF351850	Rabies virus	I	Insectivorous bat	1988	Chile
NC031988	Gannoruwa bat lyssavirus	I	<i>Pteropus giganteus</i>	2015	Sri Lanka
AY573937	Australian bat lyssavirus	I	<i>Saccolaimus flaviventris</i>	1997	Australia
AY573965	Australian bat lyssavirus	I	<i>Saccolaimus flaviventris</i>	1997	Australia
NC003243	Australian bat lyssavirus	I	<i>Saccolaimus flaviventris</i>	1996	Australia
AF418014	Australian bat lyssavirus	I	<i>Homo sapiens</i>	1998	Australia
AY573964	Australian bat lyssavirus	I	<i>Pteropus alecto</i>	1997	Australia
KT868955	Australian bat lyssavirus	I	<i>Pteropus alecto</i>	2014	Australia
KT868956	Australian bat lyssavirus	I	<i>Pteropus scapulatus</i>	2014	Australia
AY573963	Australian bat lyssavirus	I	<i>Pteropus alecto</i>	1998	Australia
NC020808	Aravan virus	I	<i>Myotis blythi</i>	1991	Kyrgyzstan
MF960865	Kotalahti bat lyssavirus	I	<i>Myotis brandtii</i>	2017	Finland
MF043188	Bokeloh bat lyssavirus	I	<i>Myotis nattereri</i>	2013	France
KC169985	Bokeloh bat lyssavirus	I	<i>Myotis nattereri</i>	2012	France
KC169985	Bokeloh bat lyssavirus	I	<i>Myotis nattereri</i>	2012	France
NC05385	Khujand virus	I	<i>Myotis mystacinus</i>	2001	Tajikistan
AY863408	European bat lyssavirus 2	I	Not reported	2002	Switzerland
AY863407	European bat lyssavirus 2	I	<i>Myotis daubentonii</i>	1993	Switzerland
KF155004	European bat lyssavirus 2	I	<i>Myotis daubentonii</i>	2004	United Kingdom
NC009528	European bat lyssavirus 2	I	<i>Homo sapiens</i>	2002	United Kingdom
AY863405	European bat lyssavirus 2	I	<i>Myotis dasycneme</i>	1989	Netherlands
KY688152	European bat lyssavirus 2	I	<i>Myotis dasycneme</i>	1993	Netherlands
EU293114	European bat lyssavirus 2	I	<i>Myotis dasycneme</i>	1986	Netherlands
MF472709	Taiwan bat lyssavirus	I	<i>Pipistrellus abramus</i>	2017	Taiwan
MF472710	Taiwan bat lyssavirus	I	<i>Pipistrellus abramus</i>	2016	Taiwan
NC020809	Irkut virus	I	<i>Murina leucogaster</i>	2002	Russia
EU293119	Duvenhage virus	I	<i>Homo sapiens</i>	1971	South Africa
EU293120	Duvenhage virus	I	<i>Miniopterus sp</i>	1981	South Africa
KC866301	Duvenhage virus	I	<i>Nycteris thebaica</i>	2012	South Africa
EU623444	Duvenhage virus	I	<i>Homo sapiens</i>	2006	South Africa
JN986749	Duvenhage virus	I	<i>Homo sapiens</i>	2007	Netherlands (imported from Kenya)
KP241939	European bat lyssavirus 1	I	<i>Eptesicus isabellinus</i>	2007	Spain
EU626552	European bat lyssavirus 1	I	<i>Felis catus</i>	2007	France
KF155003	European bat lyssavirus 1	I	<i>Eptesicus serotinus</i>	1986	Denmark
AY863382	European bat lyssavirus 1	I	<i>Eptesicus serotinus</i>	2001	Slovakia
AY863364	European bat lyssavirus 1	I	<i>Eptesicus serotinus</i>	2000	Netherlands
NC009527	European bat lyssavirus 1	I	<i>Eptesicus serotinus</i>	1968	Germany
EF157976	European bat lyssavirus 1	I	<i>Eptesicus serotinus</i>	1968	Germany
NC025365	Shimoni bat virus	II	<i>Macronycteris vittatus</i>	2009	Kenya
FJ465413	Mokola virus	II	<i>Felis catus</i>	1997	South Africa
JN944637	Mokola virus	II	<i>Felis catus</i>	1997	South Africa
FJ465410	Mokola virus	II	<i>Felis catus</i>	1998	South Africa
KP899612	Mokola virus	II	<i>Felis catus</i>	2014	South Africa
KP899610	Mokola virus	II	<i>Felis catus</i>	2012	South Africa
KP899611	Mokola virus	II	<i>Felis catus</i>	2012	South Africa
KC218934	Mokola virus	II	<i>Felis catus</i>	2008	South Africa

FJ465412	Mokola virus	II	<i>Felis catus</i>	2006	South Africa
FJ465414	Mokola virus	II	<i>Felis catus</i>	1996	South Africa
KF155008	Mokola virus	II	<i>Felis catus</i>	1996	South Africa
FJ465415	Mokola virus	II	<i>Felis catus</i>	1995	South Africa
KF155005	Mokola virus	II	<i>Crocidura sp.</i>	1968	Nigeria
EU293117	Mokola virus	II	<i>Crocidura sp.</i>	1974	Cameroon
KF155007	Mokola virus	II	<i>Felis catus</i>	1993	Zimbabwe
FJ465418	Mokola virus	II	<i>Felis catus</i>	1981	Zimbabwe
FJ465417	Mokola virus	II	<i>Felis catus</i>	1981	Zimbabwe
KF155006	Mokola virus	II	<i>Felis catus</i>	1982	Zimbabwe
KC218932	Mokola virus	II	<i>Felis catus</i>	1981	Zimbabwe
EU293118	Mokola virus	II	<i>Laphuromys sikapusi</i>	1981	Central African Republic
EF547447	Lagos bat virus	II	<i>Rousettus aegyptiacus</i>	1999	France (imported from Africa)
LN849915	Lagos bat virus	II	<i>Eidolon helvum</i>	2013	Ghana
EU293108	Lagos bat virus	II	<i>Eidolon helvum</i>	1985	Senegal
EU259198	Lagos bat virus	II	<i>Eidolon helvum</i>	2007	Kenya
GU170202	Lagos bat virus	II	<i>Rousettus aegyptiacus</i>	2008	Kenya
JX901139	Lagos bat virus	II	<i>Rousettus aegyptiacus</i>	2010	Kenya
MW358036	Lagos bat virus	II	<i>Rousettus aegyptiacus</i>	2018	South Africa
EU293110	Lagos bat virus	II	<i>Eidolon helvum</i>	1956	Nigeria
EF547449	Lagos bat virus	II	<i>Micropterus pusillus</i>	1974	Central African Republic
EF547450	Lagos bat virus	II	<i>Felis catus</i>	1986	Zimbabwe
DQ499945	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2004	South Africa
EF547456	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	1980	South Africa
AY333110	Lagos bat virus	II	<i>Canis familiaris</i>	1990	Ethiopia
EF547457	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	1980	South Africa
EF547454	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	1980	South Africa
DQ499948	Lagos bat virus	II	<i>Atilax paludinosus</i>	2004	South Africa
MH643892	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2018	South Africa
MH643890	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2013	South Africa
MH643893	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2014	South Africa
HM179509	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2008	South Africa
DQ499944	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2003	South Africa
EF547452	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2006	South Africa
KP994622	Lagos bat virus	II	<i>Felis catus</i>	2013	South Africa
MW358036	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2018	South Africa
KP994623	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2014	South Africa
MH643891	Lagos bat virus	II	<i>Epomophorus wahlbergi</i>	2017	South Africa
NC018629	Ikoma lyssavirus		<i>Civettictis civetta</i>	2009	Tanzania
NC031955	Lleida bat lyssavirus		<i>Miniopterus schreibersii</i>	2011	Spain
NC025377	West Caucasian bat virus		<i>Miniopterus schreibersii</i>	2002	Russia
MT364249	Matlo bat lyssavirus		<i>Miniopterus natalensis</i>	2015	South Africa
MT364250	Matlo bat lyssavirus		<i>Miniopterus natalensis</i>	2016	South Africa