

Figure S1

Host orders

- human
- lagomorpha
- artiodactyla
- avian
- carnivore
- chiroptera
- rodentia

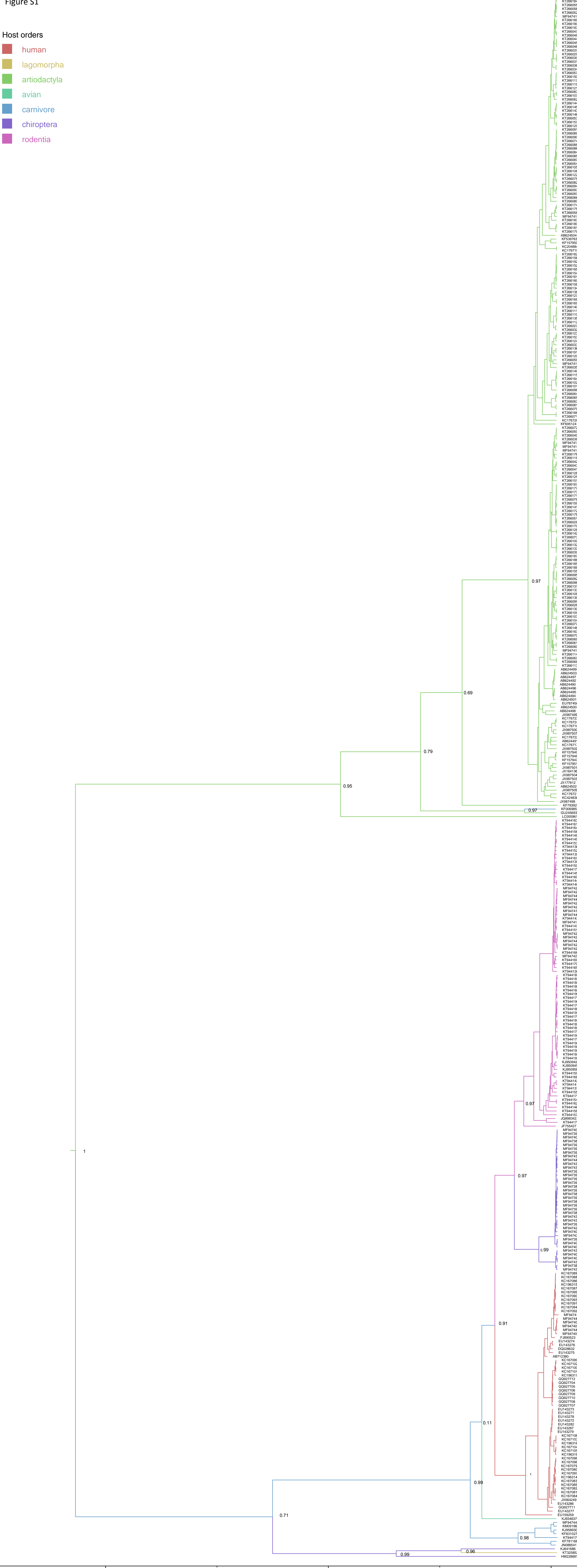


Figure S2

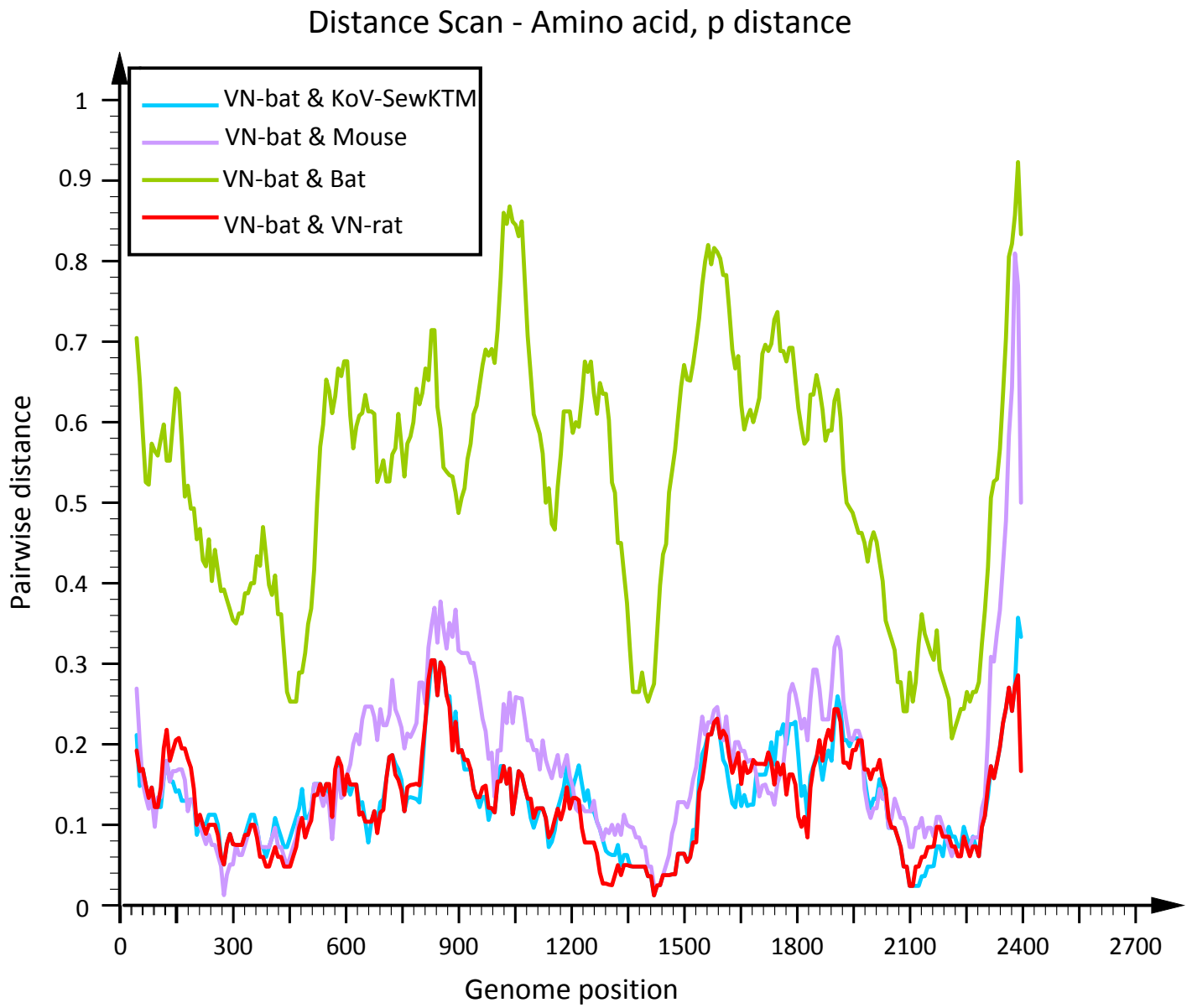


Figure S3

Location

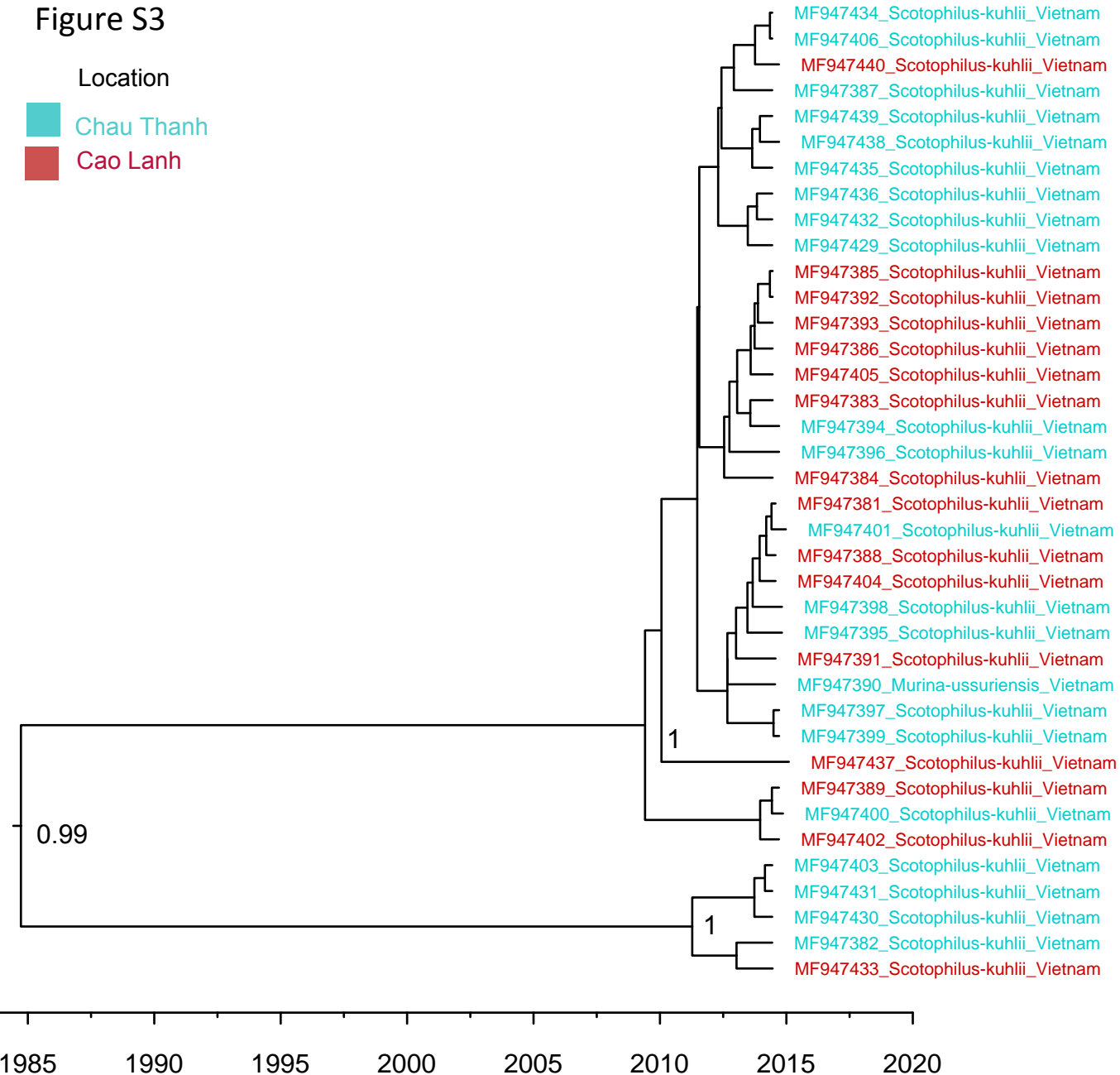


Figure S4

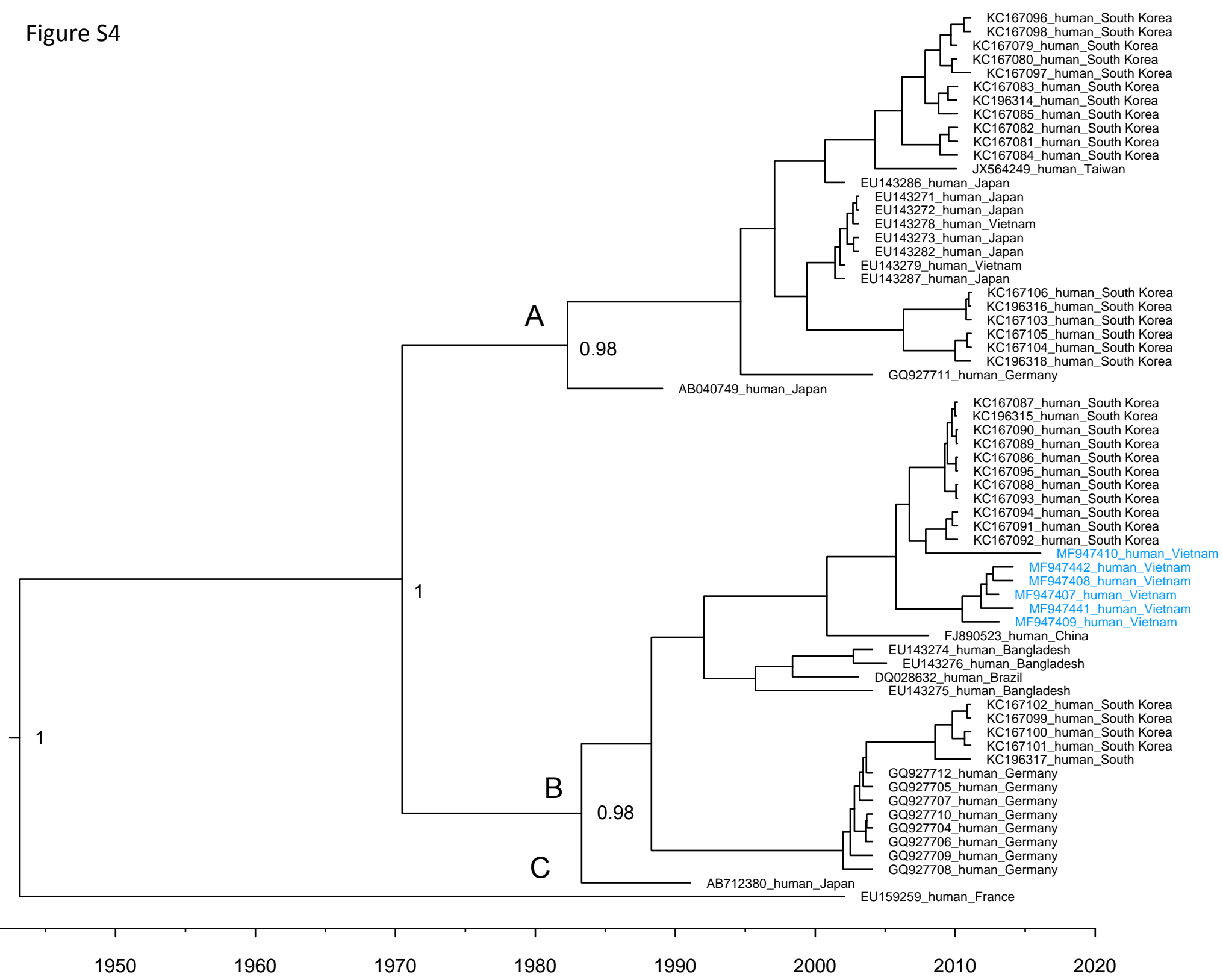


Figure S5

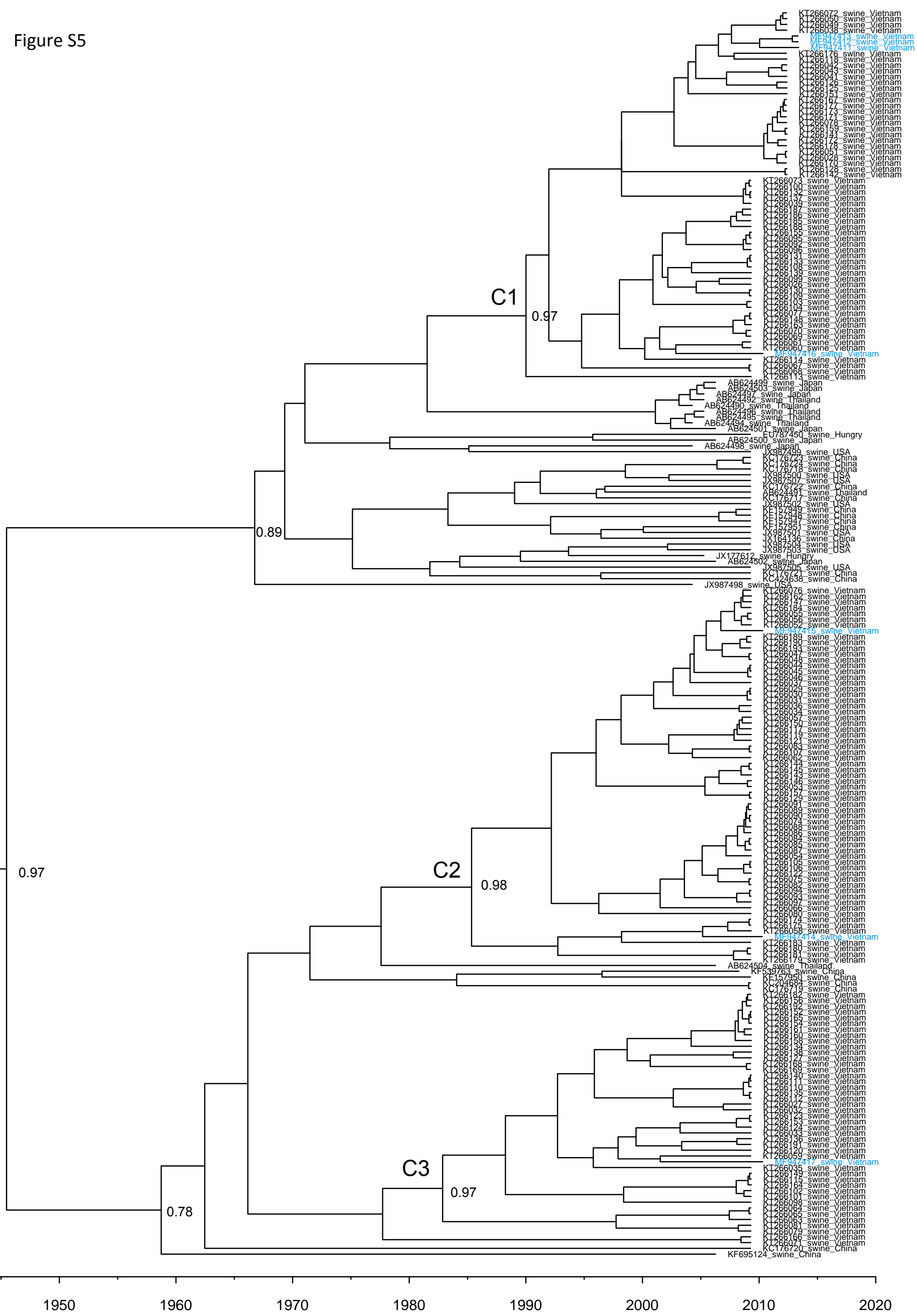


Table S1 Primer sequences for rodent kobuvirus VP1 gene

Primer	Sequences (5'-3')
Kobuvirus_VP1_os ¹	GTCCAYTGGAARACAGTGGACATC
Kobuvirus_VP1_oa ²	ACCGACTCCRAGRGCCARTG
Kobuvirus_VP1_is ³	TCCTTYAACGTYCGYYTCATGC
Kobuvirus_VP1_ia ⁴	CARTGAGAAGCCGGTGTGGG

¹os:oyter sense

²is:inner sense

³ia:inner antisense

⁴oa:outer antisense

Table S2 Sequences used in this study

Accession No. ¹	Host order	Host names/species ²	Location ³ (country,province,district)	Isolation time (dd/mm/yyyy)
MF947411	artiodactyla	swine	Vietnam, DongThap, CaoLanh	27/03/2013
MF947412	artiodactyla	swine	Vietnam, DongThap, CaoLanh	03/04/2013
MF947413	artiodactyla	swine	Vietnam, DongThap, CaoLanh	03/04/2013
MF947414	artiodactyla	swine	Vietnam, DongThap, CaoLanh	04/04/2013
MF947415	artiodactyla	swine	Vietnam, DongThap, ChauThanh	17/04/2013
MF947416	artiodactyla	swine	Vietnam, DongThap, ChauThanh	24/04/2013
MF947417	artiodactyla	swine	Vietnam, DongThap, ChauThanh	16/10/2013
AB624490	artiodactyla	swine	Thailand	2007
AB624491	artiodactyla	swine	Thailand	2012
AB624492	artiodactyla	swine	Thailand	2008
AB624494	artiodactyla	swine	Thailand	2007
AB624495	artiodactyla	swine	Thailand	2008
AB624496	artiodactyla	swine	Thailand	2008
AB624497	artiodactyla	swine	Japan	2008
AB624498	artiodactyla	swine	Japan	2007
AB624499	artiodactyla	swine	Japan	2009
AB624500	artiodactyla	swine	Japan	2009
AB624501	artiodactyla	swine	Japan	2009
AB624502	artiodactyla	swine	Japan	2009
AB624503	artiodactyla	swine	Japan	2009
AB624504	artiodactyla	swine	Thailand	2009
EU787450	artiodactyla	swine	Hungary	2012
GU245693	artiodactyla	sheep	Hungary	2009
JX164136	artiodactyla	swine	China	2012
JX177612	artiodactyla	swine	Hungary	2008
JX987498	artiodactyla	swine	USA	2007
JX987499	artiodactyla	swine	USA	2012
JX987500	artiodactyla	swine	USA	2012
JX987501	artiodactyla	swine	USA	2012
JX987502	artiodactyla	swine	USA	2012
JX987503	artiodactyla	swine	USA	2012
JX987504	artiodactyla	swine	USA	2012
JX987505	artiodactyla	swine	USA	2012

JX987507	artiodactyla	swine	USA	2012
KC176717	artiodactyla	swine	China	2012
KC176718	artiodactyla	swine	China	2012
KC176719	artiodactyla	swine	China	2012
KC176720	artiodactyla	swine	China	2012
KC176721	artiodactyla	swine	China	2012
KC176722	artiodactyla	swine	China	2012
KC176723	artiodactyla	swine	China	2012
KC176724	artiodactyla	swine	China	2012
KC204684	artiodactyla	swine	China	2012
KC424638	artiodactyla	swine	China	2012
KF157947	artiodactyla	swine	China	2012
KF157948	artiodactyla	swine	China	2012
KF157949	artiodactyla	swine	China	2012
KF157950	artiodactyla	swine	China	2012
KF157951	artiodactyla	swine	China	2012
KF539763	artiodactyla	swine	China	2011
KF695124	artiodactyla	swine	China	2009
KF793927	artiodactyla	black goat	South Korea	2012
KT266026	artiodactyla	swine	Vietnam	13/02/2012
KT266027	artiodactyla	swine	Vietnam	13/02/2012
KT266028	artiodactyla	swine	Vietnam	13/02/2012
KT266029	artiodactyla	swine	Vietnam	13/02/2012
KT266030	artiodactyla	swine	Vietnam	13/02/2012
KT266031	artiodactyla	swine	Vietnam	14/02/2012
KT266032	artiodactyla	swine	Vietnam	14/02/2012
KT266033	artiodactyla	swine	Vietnam	14/02/2012
KT266034	artiodactyla	swine	Vietnam	14/02/2012
KT266035	artiodactyla	swine	Vietnam	14/02/2012
KT266036	artiodactyla	swine	Vietnam	14/02/2012
KT266037	artiodactyla	swine	Vietnam	15/02/2012
KT266038	artiodactyla	swine	Vietnam	15/02/2012
KT266039	artiodactyla	swine	Vietnam	15/02/2012
KT266041	artiodactyla	swine	Vietnam	15/02/2012
KT266042	artiodactyla	swine	Vietnam	15/02/2012
KT266043	artiodactyla	swine	Vietnam	15/02/2012
KT266044	artiodactyla	swine	Vietnam	15/02/2012
KT266045	artiodactyla	swine	Vietnam	16/02/2012
KT266046	artiodactyla	swine	Vietnam	16/02/2012
KT266047	artiodactyla	swine	Vietnam	16/02/2012
KT266048	artiodactyla	swine	Vietnam	20/02/2012
KT266049	artiodactyla	swine	Vietnam	20/02/2012
KT266050	artiodactyla	swine	Vietnam	20/02/2012
KT266051	artiodactyla	swine	Vietnam	20/02/2012
KT266052	artiodactyla	swine	Vietnam	21/02/2012
KT266053	artiodactyla	swine	Vietnam	21/02/2012

KT266054	artiodactyla	swine	Vietnam	21/02/2012
KT266055	artiodactyla	swine	Vietnam	21/02/2012
KT266056	artiodactyla	swine	Vietnam	21/02/2012
KT266057	artiodactyla	swine	Vietnam	21/02/2012
KT266058	artiodactyla	swine	Vietnam	22/03/2012
KT266059	artiodactyla	swine	Vietnam	05/03/2012
KT266060	artiodactyla	swine	Vietnam	05/03/2012
KT266061	artiodactyla	swine	Vietnam	06/03/2012
KT266062	artiodactyla	swine	Vietnam	06/03/2012
KT266063	artiodactyla	swine	Vietnam	06/03/2012
KT266064	artiodactyla	swine	Vietnam	06/03/2012
KT266065	artiodactyla	swine	Vietnam	06/03/2012
KT266066	artiodactyla	swine	Vietnam	06/03/2012
KT266067	artiodactyla	swine	Vietnam	07/03/2012
KT266068	artiodactyla	swine	Vietnam	06/03/2012
KT266069	artiodactyla	swine	Vietnam	07/03/2012
KT266070	artiodactyla	swine	Vietnam	07/03/2012
KT266071	artiodactyla	swine	Vietnam	07/03/2012
KT266072	artiodactyla	swine	Vietnam	07/03/2012
KT266073	artiodactyla	swine	Vietnam	07/03/2012
KT266074	artiodactyla	swine	Vietnam	07/03/2012
KT266075	artiodactyla	swine	Vietnam	08/03/2012
KT266076	artiodactyla	swine	Vietnam	08/03/2012
KT266077	artiodactyla	swine	Vietnam	12/03/2012
KT266078	artiodactyla	swine	Vietnam	12/03/2012
KT266079	artiodactyla	swine	Vietnam	12/03/2012
KT266080	artiodactyla	swine	Vietnam	12/03/2012
KT266081	artiodactyla	swine	Vietnam	12/03/2012
KT266082	artiodactyla	swine	Vietnam	12/03/2012
KT266083	artiodactyla	swine	Vietnam	12/03/2012
KT266084	artiodactyla	swine	Vietnam	12/03/2012
KT266085	artiodactyla	swine	Vietnam	12/03/2012
KT266086	artiodactyla	swine	Vietnam	12/03/2012
KT266087	artiodactyla	swine	Vietnam	12/03/2012
KT266088	artiodactyla	swine	Vietnam	12/03/2012
KT266089	artiodactyla	swine	Vietnam	12/03/2012
KT266090	artiodactyla	swine	Vietnam	12/03/2012
KT266091	artiodactyla	swine	Vietnam	14/03/2012
KT266092	artiodactyla	swine	Vietnam	14/03/2012
KT266093	artiodactyla	swine	Vietnam	14/03/2012
KT266094	artiodactyla	swine	Vietnam	14/03/2012
KT266095	artiodactyla	swine	Vietnam	14/03/2012
KT266096	artiodactyla	swine	Vietnam	14/03/2012
KT266097	artiodactyla	swine	Vietnam	14/03/2012
KT266098	artiodactyla	swine	Vietnam	14/03/2012
KT266099	artiodactyla	swine	Vietnam	15/03/2012

KT266147	artiodactyla	swine	Vietnam	26/03/2012
KT266148	artiodactyla	swine	Vietnam	26/03/2012
KT266149	artiodactyla	swine	Vietnam	27/03/2012
KT266150	artiodactyla	swine	Vietnam	27/03/2012
KT266151	artiodactyla	swine	Vietnam	27/03/2012
KT266152	artiodactyla	swine	Vietnam	27/03/2012
KT266153	artiodactyla	swine	Vietnam	27/03/2012
KT266154	artiodactyla	swine	Vietnam	27/03/2012
KT266155	artiodactyla	swine	Vietnam	27/03/2012
KT266156	artiodactyla	swine	Vietnam	27/03/2012
KT266157	artiodactyla	swine	Vietnam	27/03/2012
KT266158	artiodactyla	swine	Vietnam	27/03/2012
KT266159	artiodactyla	swine	Vietnam	27/03/2012
KT266160	artiodactyla	swine	Vietnam	27/03/2012
KT266161	artiodactyla	swine	Vietnam	27/03/2012
KT266162	artiodactyla	swine	Vietnam	27/03/2012
KT266163	artiodactyla	swine	Vietnam	27/03/2012
KT266164	artiodactyla	swine	Vietnam	27/03/2012
KT266165	artiodactyla	swine	Vietnam	27/03/2012
KT266166	artiodactyla	swine	Vietnam	03/04/2012
KT266167	artiodactyla	swine	Vietnam	03/04/2012
KT266168	artiodactyla	swine	Vietnam	03/04/2012
KT266169	artiodactyla	swine	Vietnam	03/04/2012
KT266170	artiodactyla	swine	Vietnam	03/04/2012
KT266171	artiodactyla	swine	Vietnam	03/04/2012
KT266172	artiodactyla	swine	Vietnam	03/04/2012
KT266173	artiodactyla	swine	Vietnam	04/04/2012
KT266174	artiodactyla	swine	Vietnam	04/04/2012
KT266175	artiodactyla	swine	Vietnam	04/04/2012
KT266176	artiodactyla	swine	Vietnam	04/04/2012
KT266177	artiodactyla	swine	Vietnam	05/04/2012
KT266178	artiodactyla	swine	Vietnam	05/04/2012
KT266179	artiodactyla	swine	Vietnam	05/04/2012
KT266180	artiodactyla	swine	Vietnam	05/04/2012
KT266181	artiodactyla	swine	Vietnam	05/04/2012
KT266182	artiodactyla	swine	Vietnam	05/04/2012
KT266183	artiodactyla	swine	Vietnam	05/04/2012
KT266184	artiodactyla	swine	Vietnam	09/04/2012
KT266185	artiodactyla	swine	Vietnam	09/04/2012
KT266186	artiodactyla	swine	Vietnam	09/04/2012
KT266187	artiodactyla	swine	Vietnam	09/04/2012
KT266188	artiodactyla	swine	Vietnam	09/04/2012
KT266189	artiodactyla	swine	Vietnam	09/04/2012
KT266190	artiodactyla	swine	Vietnam	10/04/2012
KT266191	artiodactyla	swine	Vietnam	10/04/2012
KT266192	artiodactyla	swine	Vietnam	10/04/2012

KT266193	artiodactyla	swine	Vietnam	2012
LC055961	artiodactyla	Bos taurus	Japan	01/11/2014
KJ934637	avian	Coracias garrulus	Hungary	2011
MF947443	carnivore	Felis catus	Vietnam, DongThap, CaoLanh	20/03/2013
JN088541	carnivore	Canis lupus familiaris	USA	2010
KF006985	carnivore	Mustela putorius furo	Netherlands	2010
KF781166	carnivore	Vulpes vulpes	Italy	2012
KF831027	carnivore	Felis catus	South Korea	2011
KJ958930	carnivore	feline	South Korea	2012
KM091960	carnivore	Felis catus	Italy	2013
KT944174	carnivore	Paradoxurus hermaphroditus	Vietnam, DakLak	2014
MF947381	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947382	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947383	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947384	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947385	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947386	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947387	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947388	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947389	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	16/09/2014
MF947390	chiroptera	Murina ussuriensis	Vietnam, DongThap, ChauThanh	11/06/2014
MF947391	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947392	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947393	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947394	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947395	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947396	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947397	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947398	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947399	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947400	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	13/11/2014
MF947401	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	13/11/2014
MF947402	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	16/09/2014
MF947403	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947404	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947405	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947406	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947407	human	Homo sapiens	Vietnam, DongThap, CaoLanh	05/06/2013
MF947408	human	Homo sapiens	Vietnam, DongThap, CaoLanh	11/08/2014
MF947409	human	Homo sapiens	Vietnam, DongThap, CaoLanh	19/04/2013
MF947410	human	Homo sapiens	Vietnam, DongThap, CaoLanh	06/03/2016
MF947429	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947430	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947431	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947432	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014

MF947433	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	17/06/2014
MF947434	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947435	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947436	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947437	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	06/02/2015
MF947438	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	18/09/2014
MF947439	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, ChauThanh	11/06/2014
MF947440	chiroptera	Scotophilus kuhlii	Vietnam, DongThap, CaoLanh	16/09/2014
MF947441	human	Homo sapiens	Vietnam, DongThap, CaoLanh	19/05/2014
MF947442	human	Homo sapiens	Vietnam, DongThap, ChauThanh	16/07/2014
HM228881	chiroptera	bat	USA	2008
KJ641686	chiroptera	Myotis ricketti	China	01/10/2010
AB040749	human	Homo sapiens	Japan	1988
AB712380	human	Homo sapiens	Japan	1991
DQ028632	human	Homo sapiens	Brazil	2003
EU143271	human	Homo sapiens	Japan	2003
EU143272	human	Homo sapiens	Japan	2003
EU143273	human	Homo sapiens	Japan	2003
EU143274	human	Homo sapiens	Bangladesh	2004
EU143275	human	Homo sapiens	Bangladesh	2004
EU143276	human	Homo sapiens	Bangladesh	2005
EU143278	human	Homo sapiens	Vietnam	2003
EU143279	human	Homo sapiens	Vietnam	2002
EU143282	human	Homo sapiens	Japan	2003
EU143286	human	Homo sapiens	Japan	2002
EU143287	human	Homo sapiens	Japan	2002
EU159259	human	Homo sapiens	France	2002
FJ890523	human	Homo sapiens	China	2008
GQ927704	human	Homo sapiens	Germany	2004
GQ927705	human	Homo sapiens	Germany	2004
GQ927706	human	Homo sapiens	Germany	2004
GQ927707	human	Homo sapiens	Germany	2004
GQ927708	human	Homo sapiens	Germany	2004
GQ927709	human	Homo sapiens	Germany	2004
GQ927710	human	Homo sapiens	Germany	2004
GQ927711	human	Homo sapiens	Germany	2004
GQ927712	human	Homo sapiens	Germany	2004
JX564249	human	Homo sapiens	China-Taiwan	2010
KC167079	human	Homo sapiens	South Korea	04/02/2010
KC167080	human	Homo sapiens	South Korea	04/02/2010
KC167081	human	Homo sapiens	South Korea	26/02/2010
KC167082	human	Homo sapiens	South Korea	26/02/2010
KC167083	human	Homo sapiens	South Korea	26/02/2010
KC167084	human	Homo sapiens	South Korea	26/02/2010
KC167085	human	Homo sapiens	South Korea	26/02/2010
KC167086	human	Homo sapiens	South Korea	26/02/2010

KC167087	human	Homo sapiens	South Korea	26/02/2010
KC167088	human	Homo sapiens	South Korea	26/02/2010
KC167089	human	Homo sapiens	South Korea	26/02/2010
KC167090	human	Homo sapiens	South Korea	26/02/2010
KC167091	human	Homo sapiens	South Korea	26/02/2010
KC167092	human	Homo sapiens	South Korea	26/02/2010
KC167093	human	Homo sapiens	South Korea	26/02/2010
KC167094	human	Homo sapiens	South Korea	26/02/2010
KC167095	human	Homo sapiens	South Korea	26/02/2010
KC167096	human	Homo sapiens	South Korea	05/01/2011
KC167097	human	Homo sapiens	South Korea	05/01/2011
KC167098	human	Homo sapiens	South Korea	05/01/2011
KC167099	human	Homo sapiens	South Korea	06/01/2011
KC167100	human	Homo sapiens	South Korea	06/01/2011
KC167101	human	Homo sapiens	South Korea	06/01/2011
KC167102	human	Homo sapiens	South Korea	06/01/2011
KC167103	human	Homo sapiens	South Korea	16/02/2011
KC167104	human	Homo sapiens	South Korea	17/02/2011
KC167105	human	Homo sapiens	South Korea	17/02/2011
KC167106	human	Homo sapiens	South Korea	25/02/2011
KC196314	human	Homo sapiens	South Korea	01/12/2010
KC196315	human	Homo sapiens	South Korea	01/12/2010
KC196316	human	Homo sapiens	South Korea	01/01/2011
KC196317	human	Homo sapiens	South Korea	01/01/2011
KC196318	human	Homo sapiens	South Korea	01/03/2011
KT325852	lagomorpha	Oryctolagus cuniculus	Hungary	01/04/2013
MF947418	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947419	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	09/12/2013
MF947420	rodentia	Rattus losea	Vietnam, DongThap, CaoLanh	12/06/2013
MF947421	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947422	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947423	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947424	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947425	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	14/11/2014
MF947426	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	14/11/2014
MF947427	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	14/11/2014
MF947428	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	14/11/2014
MF947444	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947445	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947446	rodentia	Rattus argentiventer	Vietnam, DongThap, TamNong	12/11/2014
MF947447	rodentia	Rattus argentiventer	Vietnam, DongThap, CaoLanh	14/11/2014
JF755427	rodentia	Peromyscus crinitus	USA	30/05/2010
KJ950942	rodentia	Rattus norvegicus	USA	02/12/2012
KJ950945	rodentia	Rattus norvegicus	USA	20/04/2013
KJ950958	rodentia	Rattus norvegicus	USA	27/04/2013
KT944135	rodentia	Bandicota indica	Vietnam, DakLak	01/03/2013

KT944136	rodentia	<i>Bandicota indica</i>	Vietnam, DakLak	01/03/2013
KT944137	rodentia	<i>Rattus exulans</i>	Vietnam, DakLak	01/03/2013
KT944138	rodentia	<i>Rattus argentiventer</i>	Vietnam, DakLak	01/03/2013
KT944139	rodentia	<i>Rattus tanezumi</i>	Vietnam, DakLak	01/03/2013
KT944140	rodentia	<i>Rattus norvegicus</i>	Vietnam, DakLak	01/03/2013
KT944141	rodentia	<i>Rattus norvegicus</i>	Vietnam, DakLak	01/03/2013
KT944142	rodentia	<i>Rattus norvegicus</i>	Vietnam, DakLak	01/03/2013
KT944143	rodentia	<i>Rattus tanezumi</i>	Vietnam, DakLak	01/03/2013
KT944144	rodentia	<i>Rattus norvegicus</i>	Vietnam, DakLak	01/03/2013
KT944145	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944146	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944147	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944148	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944149	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944150	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944151	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944152	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944153	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944154	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944155	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944156	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944157	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944158	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944159	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944160	rodentia	<i>Rattus norvegicus</i>	Vietnam, DongThap	01/10/2012
KT944161	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944162	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944163	rodentia	<i>Rattus tanezumi</i>	Vietnam, DongThap	01/10/2012
KT944164	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944165	rodentia	<i>Bandicota indica</i>	Vietnam, DongThap	01/10/2012
KT944166	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944167	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944168	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944169	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944170	rodentia	<i>Rattus argentiventer</i>	Vietnam, DongThap	01/10/2012
KT944171	rodentia	<i>Rattus norvegicus</i>	Vietnam, DakLak	01/04/2014
KT944172	rodentia	<i>Rattus tanezumi</i>	Vietnam, DakLak	01/04/2014
KT944173	rodentia	<i>Rattus exulans</i>	Vietnam, DakLak	01/05/2014
KT944175	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944176	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944177	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944178	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944179	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944180	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944181	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014
KT944182	rodentia	<i>Rhizomys pruinosus</i>	Vietnam, DakLak	01/06/2014

KT944183	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944184	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944185	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944186	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944187	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944188	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944189	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944190	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944191	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944192	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944193	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944194	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944195	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944196	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
KT944197	rodentia	Rhizomys pruinosus	Vietnam, DakLak	01/06/2014
JQ898342.1	unknown	sewage	Nepal	14/08/2009

¹Sequences obtained in this study are highlighted in bold.

² Host information of all sequences. Species names are listed if available; the host names shown in Genbank are listed if species names are unclear.

³Location information (country) of all sequences. For sequences obtained in this study, additional information of province and district are listed if available.

Table S3 Cross-species transmission rate of rodent kobuviruses among 7 rodent species

Donors	Receipients	Mean rate ¹	BF ²
Bandicota-indica	Rattus-argentiventer	0.04	9
Bandicota-indica	Rattus-exulans	0.02	9
Bandicota-indica	Rattus-norvegicus	0.04	16
Bandicota-indica	Rattus-tanezumi	0.06	85
Rattus-argentiventer	Rattus-losea	0.01	27
Rattus-argentiventer	Bandicota-indica	0.05	17
Rattus-norvegicus	Rhizomys-pruinosus	0.01	5
Rattus-norvegicus	Rattus-argentiventer	0.02	6
Rattus-norvegicus	Rattus-exulans	0.01	5
Rattus-tanezumi	Rattus-norvegicus	0.03	5

¹ Mean rate of viral lineage migration between rodent species (exchanges year⁻¹).

² Pairs of transmissions with Bayes Factor ≥ 5 are shown.