

Supplementary Materials: Epidemiology of Rabies in Lesotho: The Importance of Routine Surveillance and Virus Characterization

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Table S1. Panel of rabies viruses from Lesotho and neighbouring South African provinces included in the phylogenetic analysis performed in this study.

Sample Number	Species	Country	Province/District	Latitude #	Longitude #	Accession number
ECdog03.05	Canine	South Africa	Eastern Cape	31.572065	28.80546	DQ841412
ECdog03.751	Canine	South Africa	Eastern Cape	31.74376	28.68927	DQ841420
ECdog03.779	Canine	South Africa	Eastern Cape	31.68712	28.04197	DQ841421
ECdog03.936	Canine	South Africa	Eastern Cape	32.3323496	28.1446262	DQ841422
448/04	Canine	South Africa	Eastern Cape	31.5532798	26.5550876	EU163315
ECdog04.25	Canine	South Africa	Eastern Cape	31.6066561	28.8101537	DQ841405
ECdog04.111	Canine	South Africa	Eastern Cape	32.4298987	28.3593437	DQ841409
ECdog04.376	Canine	South Africa	Eastern Cape	30.524964	27.3645855	DQ841414
ECdog04.377	Canine	South Africa	Eastern Cape	31.2084178	28.2351192	DQ841416
ECdog04.499	Canine	South Africa	Eastern Cape	30.9690742	27.5906715	DQ841417
13/05	Canine	South Africa	Eastern Cape	31.6066839	28.7780987	DQ431253
126/05	Human	South Africa	Eastern Cape	32.2190338	27.9541894	GQ918295
125/07	Human	South Africa	Eastern Cape	31.6727543	27.9834738	GQ918293

228/07	Human	South Africa	Eastern Cape	31.60668 39	28.778098 7	GQ983417
ECdog14/340	Canine	South Africa	Eastern Cape	31.66666 667	28.05	MF197277
ECbov14/362	Bovine	South Africa	Eastern Cape	31.53333 333	27.683333 33	MF197278
ECdog14/377	Canine	South Africa	Eastern Cape	-32	27.883333 33	MF197279
ECdog14/392	Canine	South Africa	Eastern Cape	-31.65	28.716666 67	MF197280
ECbov14/400	Bovine	South Africa	Eastern Cape	31.51666 667	27.683333 33	MF197281
ECdog14/430	Canine	South Africa	Eastern Cape	31.08333 333	30.216666 67	MF197282
ECdog15/474	Canine	South Africa	Eastern Cape	31.38055 556	28.747222 22	MF197283
ECdog16/318	Canine	South Africa	Eastern Cape	31.41111 111	28.938888 89	MF197284
ECdog16/338	Canine	South Africa	Eastern Cape	31.61666 667	28.638888 89	MF197285
ECbov16/343	Bovine	South Africa	Eastern Cape	31.69722 222	27.905555 56	MF197286
53/02	Canine	South Africa	Free State	29.18603 52	27.443892 4	EU163343
544/02	Canine	South Africa	Free State	28.90933 65	27.555454 7	EU163298
648/02	Canine	South Africa	Free State	30.29493 47	27.097059 6	EU163364
687/02	Canine	South Africa	Free State	29.72938 19	27.020559 4	EU163352
03/03	Canine	South Africa	Free State	30.20155 61	26.525594 6	EU163310
238/03	Canine	South Africa	Free State	30.29493 47	27.097059 6	EU163312

467/03	Canine	South Africa	Free State	30.20155 61	26.525594 6	EU163350
591/03	Canine	South Africa	Free State	29.18603 52	27.443892 4	EU163353
902/03	Canine	South Africa	Free State	28.87778 87	27.866307 5	EU163332
922/03	Canine	South Africa	Free State	29.08521 4	26.159576 1	EU163333
941/03	Canine	South Africa	Free State	28.87778 87	27.866307 5	EU163338
21/04	Canine	South Africa	Free State	28.61545 94	28.200027 7	EU163329
106/04	Canine	South Africa	Free State	29.72938 19	27.020559 4	EU163319
419/04	Canine	South Africa	Free State	29.18603 52	27.443892 4	EU163314
551/04	Canine	South Africa	Free State	29.72938 19	27.020559 4	EU163317
589/04	Canine	South Africa	Free State	29.72938 19	27.020559 4	EU163377
594/04	Canine	South Africa	Free State	29.72938 19	27.020559 4	EU163316
56/06	Canine	South Africa	Free State	28.87778 87	27.866307 5	EU163360
164/06	Canine	South Africa	Free State	29.18603 52	27.443892 4	EU163361
425/06	Canine	South Africa	Free State	29.18603 52	27.443892 4	EU163356
790/06	Canine	South Africa	Free State	28.24230 25	28.311126 2	EU163383
159/07	Canine	South Africa	Free State	28.90933 65	27.555454 7	EU163379
10/261	Canine	South Africa	KwaZulu- Natal	-28.62	29.83	KC660228

10/370	Canine	South Africa	KwaZulu-Natal	-28.52	30.08	KC660165
10/385	Canine	South Africa	KwaZulu-Natal	-28.32	30.1	KC660262
10/420	Canine	South Africa	KwaZulu-Natal	-28	30	KC660195
10/447	Bovine	South Africa	KwaZulu-Natal	-28.6	29.94	KC660181
10/600	Canine	South Africa	KwaZulu-Natal	-28.6	29.42	KC660276
11/121	Canine	South Africa	KwaZulu-Natal	-28.8	30.03	KC660210
11/209	Bovine	South Africa	KwaZulu-Natal	-28.22	30	KC660206
11/252	Bovine	South Africa	KwaZulu-Natal	-27.55	29.92	KC660220
11/296	Canine	South Africa	KwaZulu-Natal	-27.7	29.92	KC660268
KZNdog12/394	Canine	South Africa	KwaZulu-Natal	-28.85	29.25	KY681361
KZNjackal12/680	Jackal	South Africa	KwaZulu-Natal	-28.7	29.53333333	KY681374
KZNbov12/592	Bovine	South Africa	KwaZulu-Natal	-28.8	29.36666667	KY681369
KZNcap12/526	Caprine	South Africa	KwaZulu-Natal	-28.85	29.36666667	KY681362
KZNbov12/831	Bovine	South Africa	KwaZulu-Natal	-28.93333333	29.56666667	KY681364
KZNjackal12/830	Jackal	South Africa	KwaZulu-Natal	-28.68333333	28.98333333	KY681371
KZNjackal12/621	Jackal	South Africa	KwaZulu-Natal	-28.76666667	29.36666667	KY681373
KZNjackal12/616	Jackal	South Africa	KwaZulu-Natal	-28.8	29.45	KY681365
KZNdog12/407	Canine	South Africa	KwaZulu-Natal	-28.7	29.16666667	KY681366
KZNdog12/730	Canine	South Africa	KwaZulu-Natal	-28.6	29.6	KY681367
403/01	Canine	Lesotho	Moehale's Hoek	30.1425917	27.4673845	EU163386
404/01	Canine	Lesotho	Moehale's Hoek	30.1425917	27.4673845	EU163385
430/01	Canine	Lesotho	Moehale's Hoek	30.1425917	27.4673845	EU163392

527/01	Canine	Lesotho	Quthing	30.32464 96	28.018608 7	EU163395
531/02	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163391
785/03	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163394
298/05	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163393
301/05	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163397
391/06	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163398
953/06	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163396
383/07	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163399
384/07	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163400
385/07	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	EU163401
LESbov201/12 *	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197287
LEScap190/12 *	Caprine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197287
LESdog151/1 2*	Canine	Lesotho	Quthing	30.40156 87	27.708013 3	MF197287
LESbov145/12 *	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197290
LESbov136/12 *	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197291
LESunk137/1 3*	Unknown	Lesotho	Qacha's Nek	29.99201 47	28.357152 3	MF197295
LESdog136/1 3*	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197287

LESbov07/13*	Bovine	Lesotho	Mokhotlong	29.32432 63	28.989249 4	MF197287
LESunk164/1 3*	Unknown	Lesotho	Maseru	29.36321 88	27.514360 3	MF197287
LESdog99/14*	Canine	Lesotho	Qacha's Nek	30.28340 2	27.866682	MF197296
LESbov60/14*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197297
LESbov08/14*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197298
LESbov195/14 *	Bovine	Lesotho	Berea	30.22712 75	27.505553 2	MF197299
LESbov13/14*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197300
LESbov45a/14 *	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197301
LESbov45b/1 4*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197302
LESbov21/15*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197303
LESdog24/15*	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197304
LESdog17/15*	Canine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197305
LESovi30/15*	Ovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197306
LESbov22/16*	Bovine	Lesotho	Maseru	29.36321 88	27.514360 3	MF197307
05/71 (Phylogenetic tree root)	Bat- eared fox	South Africa	Western Cape	31.63912 18	18.528507 2	DQ431385

* Denotes the samples that formed part of the sample cohort sequenced in this study.

Approximate global positioning system (GPS) coordinates were used if the exact location of sampling was unknown.