

Table S2. Genetic samples list.

Taxon	Origin	Sample ID	Source	GenBank # (TSPY, Xq13.3 homolog)
<i>Chlorocebus aethiops</i>	East Africa	90.017	Dept. Anthropology, NYU	AY450873, AY899216
<i>Cercopithecus albogularis</i>	Africa	89M009	Cheyenne Mountain Zoo	EF517803, AY899220
<i>Cercopithecus ascanius</i>	Central Africa	41137B	Louisiana Purchase Zoo	EF517804, AY899222
<i>Cercopithecus cephus</i>	Central Africa	The.Zoo.1	Gulf Breeze Zoo	AY450874, AY899223
<i>Cercopithecus erythrogaster^a</i>	West Africa	Mulhouse3	Mulhouse Zoo	AY665648, -----
<i>Cercopithecus erythrotis^b</i>	Bioko, Equatorial Guinea	066-B	CIRMF, Gabon	-----, AY899225
<i>Cercopithecus hamlyni</i>	Central Africa	OR.1646	San Diego Zoo	AY450875, AY899231
<i>Cercopithecus hamlyni</i>	Eastern Democratic Republic of the Congo (DRC)	ME404	Drs. J. and T. Hart, TL2	JN106053, JN106059
<i>Cercopithecus hamlyni</i>	Eastern DRC	GP612	Drs. J. and T. Hart, TL2	JN106052, JN106058
<i>Allochrocebus lhoesti</i>	Central Africa	Antwerp	Antwerp Zoo	AY048055, AY899217
<i>Cercopithecus lomamiensis</i>	Central Congo Basin, DRC	GP600	Drs. J. and T. Hart, TL2	JN106054, JN106062
<i>Cercopithecus lomamiensis</i>	Central Congo Basin, DRC	GP609	Drs. J. and T. Hart, TL2	JN106055, JN106063
<i>Cercopithecus lomamiensis</i>	Central Congo Basin, DRC	JH005	Drs. J. and T. Hart, TL2	JN106056, JN106061
<i>Cercopithecus lomamiensis</i>	Central Congo Basin, DRC	ME408	Drs. J. and T. Hart, TL2	JN106057, JN106060
<i>Cercopithecus mitis</i>	Africa	C.Lehn	Dr. C. Lehn	AY450876, AY899219
<i>Cercopithecus mona</i>	Grenada	SA.BF#3	Dr. M. Glenn/K. Bensen	AF284281, AY899227
<i>Cercopithecus nictitans</i>	Central Africa	Newton	BREC's Baton Rouge Zoo	AY450878, AY899221

Table S2. continued.

Taxon	Origin	Sample ID	Source	GenBank # (TSPY, Xq13.3 homolog)
<i>Cercopithecus petaurista</i>	West Africa	1534	Central Florida Zoo	AY897616, AY899224
<i>Cercopithecus pogonias</i>	Gabon	108-G	CIRMF, Gabon	EF517805, AY899229
<i>Allochrocebus preussi</i>	Bioko, Equatorial Guinea	008-B	Dr. P. Telfer, WCS	EF517802, EF517809
<i>Allochrocebus solatus</i>	Gabon	Omboe	CIRMF, Gabon	AY450879, AY899218
<i>Cercopithecus wolffi</i>	Central Africa	Nguma	San Antonio Zoo	AY450880, AY899228
<i>Allenopithecus nigroviridis</i>	Congo	R146/97	National Museum, Scotland	AF284280, AY899233
<i>Erythrocebus patas</i>	Africa	R230, R229	Dept. Anthropology, CUNY	AY048064, AY899215
<i>Miopithecus talapoin</i>	Central Africa	1511	Audubon Zoo	EF517806, AY899232
<i>Macaca mulatta</i>	China	20156, 19874	CERC, Columbia University	AF284259, AY899239
<i>Papio hamadryas</i>	Africa	73.347, 18742	NYU/Southwest Foundation	AF284277, AY899234
<i>Theropithecus gelada</i>	Ethiopia	891096	Dept. Anthropology, NYU	AF284278, AY899236
<i>Trachypithecus spp.</i>	Southeast Asia	DJ.1, CBS	Drs. D. Melnick/C.-B. Stewart	AF284232, EF517811

Notes: ^a We did not have a *Cercopithecus erythrogaster* sample for this study. We included a TSPY sequence available on GenBank, but no Xq13 sequence exists for this taxon. ^b Our *Cercopithecus erythrotis* sample is from a female, and therefore does not carry a Y-chromosome.