

**Appendix 1.** Taxonomic sampling of the 35 mammalian taxa used in this study. Accession numbers are given for each sequence used.

Taxonomy	Species	Common name	ADRA2B	BRCA1	VWF
<b>MARSUPIALIA</b>					
DIDELPHIMORPHIA	<i>Didelphis virginiana</i>	Virginian Opossum	Y15943	—	—
	<i>Didelphis marsupialis</i>	Large American Opossum	—	AF284033	AF226848
DIPROTODONTIA	<i>Macropus giganteus</i>	Grey Kangaroo	—	—	AJ224670
	<i>Macropus rufus</i>	Red Kangaroo	AJ251183	AF497261	—
	<i>Vombatus ursinus</i>	Wombat	AJ427416	AF284031	AF497260
<b>PLACENTALIA</b>					
<b>XENARTHRA</b>					
CINGULATA	<i>Dasypus novemcinctus</i>	Nine-banded Armadillo	AJ427366	AF484222	AJ278158
	<i>Dasypus kappleri</i>	Great Long-nosed Armadillo	AJ427367	AF484223	AJ427361
	<i>Chaetophractus villosus</i>	Larger Hairy Armadillo	AJ315935	AF284000	AF076480
	<i>Euphractus sexcinctus</i>	Six-banded Armadillo	AJ427368	AF484224	AJ427364
	<i>Zaedyus pichiy</i>	Pichi	AJ427369	AF484226	AJ427365
	<i>Tolypeutes matacus</i>	Southern Three-banded Armadillo	AJ427370	AF484227	AJ427362
	<i>Cabassous unicinctus</i>	Southern Naked-tailed Armadillo	AJ427371	AF484228	AJ278159
	<i>Priodontes maximus</i>	Giant Armadillo	AJ427372	AF484225	AJ427363
VERMILINGUA	<i>Myrmecophaga tridactyla</i>	Giant Anteater	AJ427373	AF484232	AJ278157
	<i>Tamandua tetradactyla</i>	Collared Anteater	AJ427374	AF484230	AJ278161
	<i>Cyclopes didactylus</i>	Pygmy Anteater	AJ315943	AF484231	AJ278156
FOLIVORA	<i>Bradypus tridactylus</i>	Pale-throated Three-toed Sloth	AJ251179	AF284002	U31603
	<i>Choloepus didactylus</i>	Southern Two-toed Sloth	AJ427375	AF484229	AJ278160
<b>AFROTHERIA</b>					
AFROSORICIDA	<i>Amblysomus hottentotus</i>	Hottentot Golden Mole	Y12526	AF284027	U97534
TUBULIDENTATA	<i>Orycteropus afer</i>	Aardvark	Y12522	AF284030	U31617
HYRACOIDEA	<i>Procavia capensis</i>	Common Rock Hyrax	Y12523	AF284023	U31619
PROBOSCIDEA	<i>Elephas maximus</i>	Asian Elephant	Y12525	AF284022	U31611
SIRENIA	<i>Dugong dugon</i>	Dugong	Y15947	AF284019	U31608

EUARCHONTOGLIRES					
PRIMATES	<i>Homo sapiens</i>	Human	M34041	L78833	X06828
LAGOMORPHA	<i>Lepus crawshayi</i>	Jackrabbit	AJ427254	—	AJ224669
	<i>Lepus capensis</i>	Cape Hare	—	AF284005	—
RODENTIA	<i>Apodemus rufa</i>	Mountain Beaver	AJ427256	AF332045	AJ224662
LAURASIATHERIA					
CHIROPTERA	<i>Pteropus hypomelanus</i>	Variable Flying Fox	—	—	AF203777
	<i>Pteropus rayneri</i>	Solomons Flying Fox	AF337539	AF203751	—
	<i>Hipposideros commersoni</i>	Commerson's Roundleaf Bat	AF337538	AF203752	AF203778
	<i>Myotis velifer</i>	Cave Myotis	—	—	AF203775
	<i>Myotis daubentonii</i>	Daubenton's Bat	AF337540	AF203746	—
	<i>Tonatia bidens</i>	Greater Round-eared Bat	AF337541	AF203745	U31622
CETARTIODACTYLA	<i>Lama glama</i>	Llama	—	AF284012	AF108835
	<i>Lama pacos</i>	Llama	AJ315941	—	—
	<i>Sus scrofa</i>	Domestic Pig	AJ251177	AF284014	S78431
	<i>Bos taurus</i>	Domestic Cow	Y15944	AF284013	X63820
	<i>Hippopotamus amphibius</i>	Common Hippopotamus	AJ251178	AF284015	AF108832
	<i>Physeter catodon</i>	Sperm Whale	AJ427417	AF284016	AF108834
PERISSODACTYLA	<i>Equus asinus</i>	Donkey	—	—	U31610
	<i>Equus caballus</i>	Domestic Horse	Y15945	AF284010	—
	<i>Ceratotherium simum</i>	White Rhinoceros	—	—	U31604
	<i>Diceros bicornis</i>	Black Rhinoceros	AJ251184	AF284011	—