

Table 1

The 20 mammalian species used in this study, including GenBank accession numbers for sequence data, and the major clade membership and group membership (Groups I - V) of each species.

GenBank accession number ^a	Binomial scientific name	Common name	Major clade ^b	Group ^c
NC_001807	<i>Homo sapiens</i>	human	Primates	I
NC_001643	<i>Pan troglodytes</i>	chimpanzee	Primates	I
NC_001645	<i>Gorilla gorilla</i>	western gorilla	Primates	I
NC_002083	<i>Pongo abelii</i>	Sumatran orangutan	Primates	I
NC_001913	<i>Oryctolagus cuniculus</i>	rabbit	Lagomorpha	II
NC_002658	<i>Thryonomys swinderianus</i>	greater cane rat	Rodentia	III
NC_005089	<i>Mus musculus</i>	house mouse	Rodentia	III
NC_001700	<i>Felis catus</i>	domestic cat	Fereuungulata	IV
NC_001325	<i>Phoca vitulina</i>	harbor seal	Fereuungulata	IV
NC_001640	<i>Equus caballus</i>	horse	Fereuungulata	IV
X97336	<i>Rhinoceros unicornis</i>	Indian rhinoceros	Fereuungulata	IV
NC_001808	<i>Ceratotherium simum</i>	white rhinoceros	Fereuungulata	IV
NC_001601	<i>Balaenoptera musculus</i>	blue whale	Fereuungulata	IV
NC_006853	<i>Bos taurus</i>	cow	Fereuungulata	IV
AF061340	<i>Artibeus jamaicensis</i>	Jamaican fruit-eating bat	Chiroptera	IV
AB042770	<i>Pteropus dasymallus</i>	Ryukyu flying fox	Chiroptera	IV
Y19192	<i>Talpa europaea</i>	European mole	Soricomorpha	IV
NC_001610 ^d	<i>Didelphis virginiana</i>	North American opossum	Marsupialia	V
Y10524 ^d	<i>Macropus robustus</i>	wallaroo	Marsupialia	V
NC_000891 ^d	<i>Ornithorhynchus anatinus</i>	platypus	Monotremata	V

^aNCBI (GenBank) accession number.

^bThe major clade that the species belongs to.

^cThe group (I - V) that the species belongs to.

^dOutgroup species.

The 20 mammalian species belonging to eight major clades:

Primates,

Lagomorpha,

Rodentia,

Fereuungulata,

Chiroptera,

Soricomorpha,

Marsupialia and Monotremata.

We divide these eight major clades into five monophyletic groups:

Group I : Primates

Group II : Lagomorpha

Group III: Rodentia

Group IV: (Fereuungulata, (Chiroptera, Soricomorpha))

Group V : (Marsupialia, Monotremata)

The Fereuungulata : ((domestic cat, harbor seal), (horse, (Indian rhinoceros, white rhinoceros))), (cow, blue whale))

The Primates : (((human, chimpanzee), western gorilla), Sumatran orangutan)

The outgroup : ((American opossum, wallaroo), platypus)