

Table S1. Specimens and sources. All specimens which were used to generate new data (i.e., not taken from the literature) are listed here. Sources are listed as follows: UMass = University of Massachusetts uncatalogued, Jonah Ratsimbazafy Collection, Manombo Reserve; DLC = Duke Lemur Center; GDBP = Great Divide Basin Project; UM-APC = University of Massachusetts Anthropological Primate and Natural History Collections; ASU = Arizona State University; Newcastle = Newcastle University School of Dental Sciences; M = Montpellier II University; UZI = Universität Zürich-Irchel.

| Taxon | Source | Specimen number | Specimen type |
|-------------------------------------|--------------|-------------------------|---------------|
| strepsirrhines | | | |
| <i>Avahi laniger</i> | UMass | N/A | femur |
| <i>Babakotia radofilai</i> | DLC | 11832 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 359 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 654826 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 6541103 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 4587 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 371 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP 363 | tooth |
| <i>Cantius abditus</i> | GDBP | WMU-VP g501589 | tooth |
| <i>Daubentonia madagascariensis</i> | DLC | “Poe” | tooth |
| <i>Daubentonia madagascariensis</i> | DLC | 6514m | tooth, femur |
| <i>Eulemur fulvus sanfordi</i> | DLC | 4564m | tooth, femur |
| <i>Galago moholi</i> | DLC & UM-APC | DLC 2018f UM-APC 207 | tooth, femur |
| <i>Haplemur griseus</i> | DLC | 1317f | tooth, femur |
| <i>Indri indri</i> | ASU | S26 | tooth |
| <i>Lemur catta</i> | DLC & UM-APC | DLC 6530f UM-APC 9 | tooth |
| <i>Lemur catta</i> | DLC & UM-APC | DLC 6158f UM-APC 253 | tooth |
| <i>Lemur catta</i> | Newcastle | HT13-90 | tooth |
| <i>Leptadapis magnus</i> | M | ACQ 6415 | tooth |
| <i>Loris tardigradus</i> | DLC | 2930m | tooth, femur |
| <i>Nycticebus coucang</i> | DLC & UM-APC | DLC 1949m UM-APC 170 | tooth, femur |
| <i>Otolemur crassicaudatus</i> | Newcastle | HT12-90 | tooth |

| | | | |
|---------------------------------|---------------------|----------|--------------|
| <i>Otolemur crassicaudatus</i> | Newcastle | HT 17-00 | tooth |
| <i>Perodicticus potto</i> | UM-APC | 163 | tooth, femur |
| <i>Propithecus coquereli</i> | DLC | 6845m | tooth, femur |
| <i>Propithecus diadema</i> | Newcastle | HT16-90 | tooth |
| <i>Varecia variegata rubra</i> | DLC | 5628f | tooth, femur |
| <i>Varecia variegata</i> | Newcastle | HT25-08 | tooth |
| anthropoids | | | |
| <i>Cercopithecus mona</i> | Newcastle | HT01-10 | tooth |
| <i>Chlorocebus tantalus</i> | Newcastle | HT06-02 | tooth |
| <i>Chlorocebus tantalus</i> | Newcastle | HT07-02 | tooth |
| <i>Colobos polykomos</i> | UZI | Co.p 3 | tooth |
| <i>Lagothrix poeppigii</i> | University of Texas | N/A | tooth |
| <i>Lagothrix poeppigii</i> | University of Texas | N/A | tooth |
| <i>Trachypithecus cristatus</i> | Newcastle | HT19-05 | tooth |