Table 7.1. Overview of species included in fecal microbiome comparison.

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| --- | --- | --- | --- | --- |
| **Species** | **Common Name** | **Continent** | **Country** | **Source** |
| **Non-colobine Primates** | | | | |
| *Alouatta caraya* | Black and gold howler monkey | South America | Argentina | Amato et al. 2019 |
| *Alouatta palliata* | Mantled howler monkey | North America | Nicaragua | Amato et al. 2019 |
| *Alouatta pigra* | Black howler monkey | North America | Mexico | Amato et al. 2019 |
| *Alouatta seniculus* | Red howler monkey | South America | Colombia | Amato et al. 2019 |
| *Ateles belzebuth* | White-bellied spider monkey | South America | Ecuador | Amato et al. 2019 |
| *Ateles hybridus* | Brown spider monkey | South America | Colombia | Amato et al. 2019 |
| *Cercopithecus ascanius* | Redtail monkey | Africa | Uganda | Amato et al. 2019 |
| *Eulemur rubriventer* | Red bellied lemur | Africa | Madagascar | Amato et al. 2019 |
| *Gorilla gorilla* | Western gorilla | Africa | CAR | Amato et al. 2019 |
| *Lagothrix lagotricha* | Woolly monkey | South America | Ecuador | Amato et al. 2019 |
| *Lemur catta* | Ring-tailed lemur | Africa | Madagascar | Amato et al. 2019 |
| *Pan troglodytes* | Chimpanzee | Africa | Uganda | Amato et al. 2019 |
| *Papio anubis* | Olive baboon | Africa | Ethiopia | Amato et al. 2019 |
| *Papio hamadryas* | Hamadryas baboon | Africa | Ethiopia | Amato et al. 2019 |
| *Propithecus verreauxi* | Verreaux's sifaka | Africa | Madagascar | Amato et al. 2019 |
| *Theropithecus gelada* | Gelada | Africa | Ethiopia | Amato et al. 2019 |
| **Colobine Primates** | | | | |
| *Colobus guereza* | Black and white colobus | Africa | Uganda | Amato et al. 2019 |
| *Piliocolobus badius* | Red colobus | Africa | Uganda | Amato et al. 2019 |
| *Pygathrax nemaeus* | Red-shanked douc | Asia | Vietnam | Clayton et al. 2014 |
| **Ruminants** | | | | |
| *Alces alces* | Moose | North America | Canada | Finlayson-Trick et al. 2017 |
| *Antidorcas marsupialis* | Springbok | Africa | Namibia | Menke et al. 2015 |
| *Cervus canadensis* | Elk | North America | Canada | Finlayson-Trick et al. 2017 |
| *Cervus elaphus* | Red deer | North America | Canada | Finlayson-Trick et al. 2017 |
| *Giraffa camelopardalis* | Giraffe | Africa | Namibia | Menke et al. 2015 |
| *Moschus berezovskii* | Musk deer | Asia | China | Hu et al. 2017 |
| *Moschus chrysogaster* | Musk deer | Asia | China | Hu et al. 2017 |
| *Rangifer tarandus* | Reindeer | Europe | Norway | Zielinska et al. 2016 |

Table 7.2. OTUs shared by 70% of colobines and ruminants in this dataset and by 70% of all primates in this dataset.

|  |  |
| --- | --- |
| **OTU ID** | **Taxonomy** |
| *Shared by Colobines and Ruminants* | | |
| 590209 | Unknown Clostridiales |
| 591464 | Unknown Clostridiales |
| 215731 | Unknown Clostridiales |
| 341263 | Unknown Ruminococcaceae |
| *Shared by Non-Colobine Primates and Colobines* | | |
| 4387771 | Unknown Ruminococcaceae |
| 229919 | Unknown Clostridiales |
| 308760 | Unknown RF39 |