|  |  |  |
| --- | --- | --- |
| OTUs | Missing discrete character scores | Percentage missing data |
| *Machaeroprosopus\_lottorum* | 5 | 5.3 |
| *Machaeroprosopus\_pristinus* | 5 | 5.3 |
| *Mystriosuchus\_planirostris* | 7 | 7.4 |
| *Nicrosaurus\_kapffi* | 7 | 7.4 |
| *Machaeroprosopus\_mccauleyi* | 8 | 8.5 |
| *Machaeroprosopus\_buceros* | 9 | 9.6 |
| *Nicrosaurus\_meyeri* | 10 | 10.6 |
| *Angistorhinus\_talainti* | 13 | 13.8 |
| *Smilosuchus\_gregorii* | 13 | 13.8 |
| *Mystriosuchus\_westphali* | 14 | 14.9 |
| *Leptosuchus\_crosbiensis* | 17 | 18.1 |
| *Parasuchus\_angustifrons* | 17 | 18.1 |
| *Parasuchus\_bransoni* | 17 | 18.1 |
| *Redondasaurus\_gregorii* | 19 | 20.2 |
| *Smilosuchus\_adamanensis* | 19 | 20.2 |
| *Ebrachosuchus\_neukami* | 21 | 22.3 |
| *Rutiodon\_carolinensis* | 22 | 23.4 |
| *Pravusuchus\_hortus* | 23 | 24.5 |
| *Parasuchus\_hislopi* | 24 | 25.5 |
| *Leptosuchus\_studeri* | 25 | 26.6 |
| *Redondasaurus\_bermani* | 27 | 28.7 |
| NMMNHS\_P4256 | 28 | 29.8 |
| *Euparkeria\_capensis* | 28 | 29.8 |
| *Smilosuchus\_lithodendrorum* | 29 | 30.9 |
| TMM\_31100\_1332 | 29 | 30.9 |
| *Paleorhinus\_sawini* | 31 | 33.0 |
| PEFO\_34852 | 31 | 33.0 |
| NMMNHS\_P31094 | 32 | 34.0 |
| USNM\_v\_17098 | 38 | 40.4 |
| *Diandongosuchus\_fuyuanensis* | 39 | 41.5 |
| *Machaeroprosopus\_andersoni* | 44 | 46.8 |
| *Angistorhinus\_grandis* | 46 | 48.9 |
| *Protome\_batalaria* | 48 | 51.1 |
| NHMW\_1986\_0024\_0001 | 48 | 51.1 |
| *Phytosaurus\_doughtyi* | 49 | 52.1 |
| *Coburgosuchus\_goeckeli* | 50 | 53.2 |
| *Wannia\_scurriensis* | 50 | 53.2 |
| USNM\_v\_21376 | 57 | 60.6 |
| MB.R.\_2747 | 59 | 62.8 |
| *Machaeroprosopus\_zunii* | 65 | 69.1 |
| *Machaeroprosopus\_jablonskiae* | 66 | 70.2 |
| NMMNHS\_P4781 | 74 | 78.7 |
| *Paleorhinus\_parvus* | 79 | 84.0 |