

Table S5. Cranial landmarks used in the 3-dimensional comparative analysis of cranial morphology.

Landmark Code	Description
1	Rhinion
2	Nasion
3	Postorbital sulcus/depression in the midline
4	Bregma
5	Medial orbit border
6	Lateral orbit border
7	Orbitale superior
8	Orbitale inferior
9*	"Pterion" (most anterior point on the braincase in the infratemporal fossa)
10*	Zygion
11*	Ectomolare
12*	Euryon
13*	Prosthion
14	Lambda
15	Inion
16	Opisthion
17	Basion
18	Sphenobasion
19	Alveolon
20	Porion
21	Petrous apex
22	Carotid canal
23	Most anterior point on jugular foramen

Notes: * Indicates landmark collected in both superior and inferior views. The two sets of measurements were then combined using the program DVLR v. 0.4.9 [15] to obtain a single set of 23 three-dimensional coordinates for each cranium. Only individuals acquired in the wild were included in the analysis. *Cercopithecus hamlyni* specimens included: YPM 17272, YPM 14195, YPM 14194, YPM 14193, AMNH 86948, AMNH 90028, AMNH 81000. *Cercopithecus lomamiensis* specimens included: YPM 14189, YPM 14080, YPM 14191.