

Table S1. Description of skull and mandible landmark positions used in the geometric morphometrics analysis.

Landmark	Description
Skull	
1	Nasal bones most anterior suture
2	Nasal bones most posterior suture
3	Frontal bones most posterior suture
4	Parietal bones most posterior suture
5	Interparietal bone most posterior point on the median line
6	Right side, most anterior point of the suture between frontal and parietal bones
7	Left side, most anterior point of the suture between frontal and parietal bones
8	Right side, intersection between parietal, occipital and squamosal bones
9	Left side, intersection between parietal, occipital and squamosal bones
10	Right, most posterior junction of squamosal bone and the zygomatic process of the squamosal bone
11	Left, most posterior junction of squamosal bone and the zygomatic process of the squamosal bone
12	Right side, most anterior suture of the zygomatic process of the squamosal bone and jugal bone
13	Left side, most anterior suture of the zygomatic process of the squamosal bone and jugal bone
14	Right side, most anterior suture of jugal bone and the zygomatic process of the maxillary bone
15	Left side, most anterior suture of jugal bone and the zygomatic process of the maxillary bone
16	Right side, intersection of the frontal, lacrimal and the zygomatic process of the maxillary bone
17	Left side, intersection of the frontal, lacrimal and the zygomatic process of the maxillary bone
18	Right infraorbital foramen most superior point
19	Left infraorbital foramen most superior point
20	Right infraorbital foramen most inferior point
21	Left infraorbital foramen most inferior point
22	Right premaxilla-right nasal bone most anterior point of suture
23	Left premaxilla-left nasal bone most anterior point of suture
24	Most superior point of the right incisor alveolus
25	Most superior edge of the left incisor alveolus
26	Most inferior point of the right incisor alveolus
27	Most inferior point of the left incisor alveolus
28	Right premaxilla-maxilla most ventral junction
29	Left premaxilla-maxilla most ventral junction
30	Most anterior point of the right first molar alveolus
31	Most anterior point of the left first molar alveolus
32	Most posterior point of the right third molar alveolus
33	Most posterior point of the left third molar alveolus
34	Most anterior point of the right anterior palatine foramen
35	Most anterior point of the left anterior palatine foramen
36	Most posterior point of the right anterior palatine foramen
37	Most posterior point of the left anterior palatine foramen
38	Right pterygoid process, most posterior point
39	Left pterygoid process, most posterior point
40	Median-line point of the suture between occipital and basisphenoid bones
41	Median-line point of the suture between basisphenoid and presphenoid bones
42	Most posterior point of the suture between palatine bones
43	Foramen magnum most anterior point, Basion
44	Foramen magnum most posterior point, Bregma
Mandible	
1	Most superior point of the incisor alveolus
2	Most inferior point of the incisor alveolus
3	Most anterior point of the first molar alveolus
4	Most posterior point of the third molar alveolus
5	Most posterior tip of the coronoid process

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- 6 Most anterior concave point of coronoid process
 - 7 Most anterior point of the articular surface of the condyle
 - 8 Most posterior tip of the condyle
 - 9 Most anterior concave point between condyle and angular process
 - 10 Most posterior tip of angular process
 - 11 Most inferior point of angular process
 - 12 Ascending ramus dorsal-most ventral point
 - 13 Alveolar region most inferior point
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