

Table S1. Morphometric data for experimental animals

Animal	Sex	Limb	Body mass (kg)	Humerus length (cm)	Ulna length (cm)	Olecranon length (cm)	Metacarpal III length (cm)	Fossorial ability index	Triceps metacarpal out-force index
<i>Mm</i> 1010	F	R	4.6	7.2	7.5	1.2	2.4	0.19	0.14
<i>Mm</i> 1122	M	R	3.9	7.2	7.7	1.7	2.3	0.28	0.21
<i>Mm</i> 0923	F	R	4.4	7.7	8.4	1.6	2.3	0.23	0.17
<i>Mm</i> 0904	F	L	5.5	7.3	7.9	1.6	2.5	0.24	0.18
<i>Mm</i> 0911	F	R	6.2	7.0	7.1	1.7	1.8	0.31	0.23
<i>Mm</i> 0918	F	L	4.9	6.7	7.2	1.3	1.6	0.23	0.18
<i>Mm</i> 1101	M	R	4.4	6.7	7.7	1.5	2.0	0.23	0.18
<i>Mm</i> 1115	M	L	3.9	6.8	7.3	1.4	2.4	0.24	0.17
			4.7±0.8	7.1±0.3	7.6±0.4	1.5±0.2	2.1±0.3	0.24±0.04	0.18±0.03

In bold are mean ± s.d.

Indices are defined as in Lagaria and Youlatos (2006). Fossorial ability index (IFA): ratio of olecranon length to total ulna length minus olecranon length; Triceps metacarpal out-force index (TMOI): ratio of olecranon length to the sum of ulna and metacarpal length minus olecranon length.