

Supplementary material to: Tawane G, García-Martínez D, Eyre J, Bastir M, Berger L, Nalla S, et al. A hominin first rib discovered at the Sterkfontein Caves, South Africa. *S Afr J Sci.* 2016;112(5/6), Art. #2015-0278, 7 pages. <http://dx.doi.org/10.17159/sajs.2016/20150278>

Supplementary table 1: Comparative sample used in this study for the traditional measurements and the 3D geometric morphometric analyses

Id	Species	Sex	Production method	Provenience
HTX001	<i>Pan troglodytes</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX006	<i>Pan troglodytes</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX009	<i>Pan troglodytes</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX011	<i>Pan troglodytes</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX012	<i>Pan troglodytes</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX007	<i>Pan troglodytes</i>	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX026	<i>Pan troglodytes</i>	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX28W	<i>Pan troglodytes</i>	–	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX027	<i>Hylobates</i> sp.	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX003	<i>Hylobates agilis</i>	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX002	<i>Hylobates lar</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX004	<i>Gorilla gorilla</i>	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX030	<i>Gorilla gorilla</i>	–	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX034	<i>Gorilla gorilla</i>	Male	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX029	<i>Pongo pygmaeus</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX014	<i>Pongo pygmaeus</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
HTX035	<i>Pongo abelli</i>	Female	CT scanner	Kyoto University, Primate Research Institute (Japan)
UC19	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC2	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC26	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC3	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC38	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC69	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC75	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC8	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC84	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC87	<i>Homo sapiens</i> (Europe)	Female	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC14	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)

Id	Species	Sex	Production method	Provenience
UC15	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC29	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC34	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC35	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC58	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC62	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC63	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC71	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
UC83	<i>Homo sapiens</i> (Europe)	Male	3D surface scanner – NextEngine	University of Coimbra (Portugal)
PAV_21	<i>Homo sapiens</i> (Africa)	Female	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_38	<i>Homo sapiens</i> (Africa)	Female	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_39	<i>Homo sapiens</i> (Africa)	Female	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_41	<i>Homo sapiens</i> (Africa)	Female	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_57	<i>Homo sapiens</i> (Africa)	Female	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_25	<i>Homo sapiens</i> (Africa)	Male	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_49	<i>Homo sapiens</i> (Africa)	Male	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_66	<i>Homo sapiens</i> (Africa)	Male	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_77	<i>Homo sapiens</i> (Africa)	Male	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
PAV_107	<i>Homo sapiens</i> (Africa)	Male	3D surface scanner – NextEngine	DRYAS Octopetala, Arqueología e Património (Portugal)
And_1890	<i>Homo sapiens</i> (Andaman)	Female	3D surface scanner – NextEngine	Natural History Museum (United Kingdom)
And_8005	<i>Homo sapiens</i> (Andaman)	Male	3D surface scanner – NextEngine	Natural History Museum (United Kingdom)
AMNH_SmaAf	<i>Homo sapiens</i> (San)	–	3D surface scanner – NextEngine	American Museum of Natural History (USA)
KNM-WT 15000 L	<i>Homo erectus</i>	–	CT scanner	National Museums of Kenya (Kenya)
KNM-WT 15000 R	<i>Homo erectus</i>	–	CT scanner	National Museums of Kenya (Kenya)
MH1	<i>Australopithecus sediba</i>	–	3D surface scanner – NextEngine	University of the Witwatersrand
MH2	<i>Australopithecus sediba</i>	–	3D surface scanner – NextEngine	University of the Witwatersrand
STW 670	<i>Australopithecus africanus</i>	–	3D surface scanner – NextEngine	University of the Witwatersrand
AL 288_1 cast	<i>Australopithecus afarensis</i>	–	3D surface scanner – NextEngine	University of the Witwatersrand