

Isotopic values for Humans

Number	Sector	Structure	Layer	Sample	Lab. Ref.	%C	%N	δ13C, ‰	δ15N, ‰	C:N	⁸⁷ Sr/ ⁸⁶ Sr					
											Enamel	2σ	Dentine	2σ	Bone	2σ
1	T	Tomb 4	UE658	Human (16714) Left tibia	Beta-514884	40.09	14.12	-19.4	8.73	3.3					x	
2	T	Tomb 4	UE640	Human (16542) Left humerus	Beta-514883	41.15	14.63	-19.1	8.81	3.3					x	
3	T	Tomb 4	UE642	Human (16138) Left tibia	Beta-514881	41.77	14.98	-19.7	8.24	3.3					x	
4	T	Tomb 4	UE644	Human (16131) Left tibia	Beta-514880	38.76	13.68	-19.8	8.4	3.3					x	
5	T	Tomb 4	UE647	Human (16149) Fibula	Beta-517339	40.14	14.25	-19.4	8.26	3.3					x	
6	T	Tomb 4	UE644	Human (16140B) right femur	Beta-517338	42.00	15.01	-19.7	8.27	3.3					x	
7	S	Tomb 1	UE105	Human femur	73635	0.2	0.1	-25.3	9.9	3.2					x	
8	S	Tomb 1	UE302	Human left femur	73636	0.4	0.1	-24.7	9.2	3					x	
9	S	Tomb 2	UE445	Human left humerus	S5 (E)	27.9	8.9	-19.63	9.4	3.16					x	
10	S	Tomb 2	UE429	Human left humerus	S10 (J)	27.9	8.2	-20.11	9.51	3.39					x	
11	S	Tomb 2	UE429	Human left humerus	S11 (K)	26.3	8.2	-19.61	10.23	3.2					x	
12	S	Tomb 2	UE231	Human right humerus	S13 (M)	27.6	8.9	-19.87	9.8	3.11					x	
13	S	Tomb 2	UE231	Human left femur	73632	2.3	0.8	-20.4	9.5	3.5					x	
14	S	Tomb 2	UE261	Human left femur	73633	2.0	0.7	-20.9	9.2	3.6					x	
15	I	Pit 11	[77]	LM1	MARC1777						0.713448	0.000062	0.714075	0.000037		
16	I	Pit 11	[78]	PLM2	MARC1778						0.715041	0.000039	0.714245	0.000018		
17	I	Pit 11	[76]	PLM2	MARC1776						0.714101	0.000029	0.714185	0.000082		
18	Q1	Pit 62	[366]	PRM1	H43						0.713237	0.000021				
19	P	Ditch 8	[5]	M2	H44						0.713883	0.000024				
20	S	Tomb 1	[97]	LM3	SEVA7794						0.715041	0.000015				
21	S	Tomb 1		RM2	SEVA7795						0.710171	0.000018				
22	S	Tomb 1	[96]	LM2	SEVA7796						0.713709	0.000012				
23	S	Tomb 1	[173]	RM3	SEVA7797						0.715205	0.000013				
24	S	Tomb 1	[97]	RM2	SEVA7798						0.713214	0.000017				
25	S	Tomb 1	[310]	LM3	SEVA7799						0.714319	0.000012				
26	S	Tomb 1	[173]	RM3	SEVA7800						0.713210	0.000015				
27	S	Tomb 1	[97]	LM3	SEVA7801						0.713925	0.000016				
28	S	Tomb 1	[172]	M3	H5						0.713334	0.000024			0.713820	0.000024
29	S	Tomb 1	[96]	M3	H10						0.713818	0.000026			0.713879	0.000024
30	S	Tomb 1	[91]	M3	H11						0.712854*	0.000020				
31	S	Tomb 2	[429]	M3	MARC1948						0.713463	0.000024	0.713660	0.000016		
32	S	Tomb 2	[429]	M2	MARC1965						0.711658	0.000016	0.713067	0.000020		
33	S	Tomb2	[429]	M2	MARC1961						0.714383	0.000017	0.713772	0.000021		
34	S	Tomb 2	[241]	M2	MARC1959						0.710016	0.000015	0.712981	0.000018		
35	S	Tomb 2	[429]	PM4	MARC1963						0.713161	0.000021	0.713505	0.000019		
36	S	Tomb 2	[203]	M2	MARC1967						0.713165	0.000015	0.713439	0.000015		
37	S	Tomb 2	[247]	M2	MARC1937						0.709723	0.000027	0.712286	0.000025		
38	S	Tomb 2	[268]	M2	MARC1935						0.713098	0.000040	0.713537	0.000022		
39	S	Tomb 2	[231]	M2	MARC1942						0.710679	0.000013	0.712220	0.000021		
40	S	Tomb 2	[251]	M2	MARC1952						0.714738	0.000014	0.713830	0.000014		
41	S	Tomb 2	[429]	M2	MARC1954						0.712402	0.000013	0.713004	0.000014		
42	S	Tomb 2	[252]	M2	MARC1938						0.713533	0.000022	0.713629	0.000020		
43	S	Tomb 2	[429]	M2	MARC1946						0.713357	0.000021	0.713432	0.000018		
44	S	Tomb 2	[429]	SRM1 SRM3	H37 **						0.713692 0.713834	0.000026 0.000019				
45	S	Tomb 2	[429]	SRM1 SRM3	H38 **						0.714446 0.711780	0.000017 0.000020				
46	S	Tomb 2	[232]	SLM1 SLM3	H39 **						0.713310 0.713060	0.000020 0.000016				
47	S	Tomb 2	[429]	SLM1 SLM3	H40 **						0.712743 0.711818	0.000021 0.000017				
48	S	Tomb 2	[428]	SLM1 SLM3	H41 **						0.711079 0.711104	0.000021 0.000016				
49	S	Tomb 2	[429]	SLM1 SLM3	H42 **						0.715917 0.711601	0.000023 0.000021				
50	S	Tomb 2	[447]	M1 M3	H68 **						0.713267 0.713661	0.000020 0.000024				
51	S	Tomb 2	[447]	M1 M3	H69 **						0.711940 0.711730	0.000021 0.000017				
52	S	Tomb 2	[447]	M1 M3	H70 **						0.710938 0.710591	0.000018 0.000028				
53	S	Tomb 2	[459]	M3	H58						0.713368	0.000026				
54	S	Tomb 2	[459]	M3	H59						0.713374	0.000024				
55	S	Tomb 2	[459]	M3	H61						0.711632	0.000024				
56	S	Tomb 2	[459]	M3	H62						0.709747	0.000020				
57	S	Tomb 2	[458]	M3	H63						0.710715	0.000021				
58	S	Tomb 2	[459]	Milk M1	H66						0.714671	0.000026				
59	S	Tomb 2	[445]	M3	H64						0.713364	0.000027				
60	S	Tomb 2	[459]	M1 M3	H60 **						0.715106 0.711263	0.000026 0.000020				
61	S	Tomb 2	[458]	Milk M1	H65 **						0.713556 0.713639	0.000027 0.000034				
62	S	Tomb 2	[464]	Milk M1	H67 **						0.713037 0.712980	0.000034 0.000037				
63	S	Tomb 3	[501]	LIM2	H45						0.710513	0.000024				
64	S	Tomb 3	[501]	LIM2	H46						0.714082	0.000019				

65	S	Tomb 3	[501]	LIM2	H47					0,713299	0,000023				
66	S	Tomb 3	[501]	LIM2	H48					0,712192	0,000023				
67	S	Tomb 3	[501]	LIM2	H49					0,709243	0,000026				
68	S	Tomb 3	[501]	LIM2	H50					0,712654	0,000017				
69	S	Tomb 3	[521a]	M2 M3	H51 **					0,713265 0,713514	0,000020 0,000019				
70	S	Tomb 3	[521a]	M1 M2	H52 **					0,712761 0,713135	0,000023 0,000026				
71	S	Tomb 3	[521a]	M2	H53					0,713317	0,000020				
72	S	Tomb 3	[521a]	M2 M3	H54 **					0,713412 0,713444	0,000026 0,000021				
73	S	Tomb 3	[523]	M2 M3	H55 **					0,713147 0,713637	0,000014 0,000019				
74	S	Tomb 3	[521a]	M2 M3	H56 **					0,713642 0,713621	0,000023 0,000017				
75	T	Tomb 4	[642]	M1	H72					0,708660	0,000020				
76	T	Tomb 4	[642]	M3	H73					0,713574	0,000024				
77	T	Tomb 4	[643]	M1	H74					0,713230	0,000023				
78	T	Tomb 4	[646]	M1	H75					0,712296	0,000020				
79	T	Tomb 4	[642]	U Can	H71					0,713390	0,000027				
80	Q1	Env. 1		M2	MARC1950					0,714784	0,000014	0,714565	0,000009		
81	Q1	Env. 1		M2	ARC1956					0,713127	0,000013	0,713733	0,000040		
82	Q1	Env. 1		M2	MARC1940					0,713494	0,000042	0,713916	0,000047		
83	P	Ditch 7	[92]	M2	H36					0,713024	0,000016				

* Average of two measurements

** Second measured tooth by individual

Note: The use of this database should be referenced as: Perdigões Global Research Program - δ13C/δ15N Fauna database - www.perdigoes.org

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