

Dataset 3. Short dataset

Short dataset number	Sample name	Haplotype	Age	Geographic location
1	Norway	Ua1	Modern	Scandinavia
2	Scotland	Ua2	Holocene	Scotland
	Dalarna		Modern	Scandinavia
3	Gbcm2	Ua3	16,440 ± 65 B.P.	Italy/Balkans
4	Oso 1-13, 15, 17, 18, 20, 22, 23, 25, Cantabria 1, Cantabria 2, PEU	Ua4	Modern	Spain
5	Palencia,	Ua5	-----	Spain
	Hem,		350 ± 40 B.P.	Spain
	Mv4-K3		1,570 ± 35 B.P.	France
	Mv4162		17,909 ± 55 B.P.	France
	Pyrenees		Modern	France
6	C. Motas 33_2	Ua6	-----	Spain
	Machorras		-----	
	Galicia		-----	
	Hortigüela		6,325 ± 50 B.P.	
	Gee		5,380 ± 45 B.P.	
	Vallecampo		7,500 ± 55 B.P.	
	Mazacotina		1,695 ± 35 B.P.	
7	C.motas 33_1	Ua7	4,624 ± 45 B.P.	Spain
8	Asturias	Ua8	-----	Spain
9	Mv4-851	Ua9	6,525 ± 50 B.P.	France
10	Mv4-1184	Ua10	3,845 ± 40 B.P.	France
11	Mv4-714	Ua11	4,645 ± 40 B.P.	France
12	Mv4-204-48	Ua12	1,750 ± 30 B.P.	France
13	A12	Ua13	XII-XIV Century	Germany

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	A9		5,210 ± 35 B.P.	Germany
	Remanie		3,445 ± 40 B.P.	France
	Slovenia		Modern	Italy/Balkans
14	Abruzzo	Ua14	Modern	Italy/Balkans
15	La Paloma	Ua15	6,145 ± 160 B.P.	Spain
	Villavieja			
16	Bulgaria	Ua16	Modern	Italy/Balkans
	A3		1,665 ± 35 B.P.	Germany
17	Greece	Ua17	Modern	Italy/Balkans
18	Atapuerca	Ua18	17,440 ± 425 B.P.	Spain
	Vald		90,000 B.P.	
19	Winden	Ua19	39,940 B.P.	Austria
20	A5	Ua20	1,770 ± 35 B.P.	Germany
	Russia		Modern	Russia
	Russia1		Modern	
	Russia2		Modern	
21	Croatia	Ua21	Modern	Italy/Balkans
22	Oso 14	Ua22	Modern	Spain
23	Oso 21	Ua23	Modern	Spain
24	Oso 24	Ua24	Modern	Spain
25	VbL13	Ua25	80,000	Spain
26	Vb88T6	Ua26	80,000	Spain
27	Aketegi II	Ua27	1,640 ± 35 B.P.	Spain
28	Ramesch	Ua28	47,420 B.P.	Austria
29	Asieko	Ua29	Mid-Lower Paleolithic	Spain