

ID	Country	GenBank	Location	Age (¹⁴ C BP)	Age (cal. BP)	Age (indirect)	HP	(Sub-) Clade	δ ¹³ C	δ ¹⁵ N	Alt. (m)
5SS*¹	Spain	MK659718	Sima de Illobi	8010 ± 45 (OxA-30297)	8885 ± 92		1a25	1a	-19.1	6.6	1185
8SS*¹	Spain	MK659715	Sima de Illobi	8053 ± 35 (OxA-30243)	8921 ± 91		1a21	1a	-19.6		1185
12SS*¹	Spain		Sima de Illobi	7063 ± 33 (OxA-30244)	7904 ± 34		1a21	1a	-19.8		1185
RR1	Spain		Sima de Illobi	7069 ± 38 (OxA-30298)	7906 ± 37		1a25	1a	-19.8	5.2	1185
RR3.3	Spain	MK659714	Sima de Illobi	8570 ± 40 (OxA-30296)	9538 ± 14		1a14	1a	-19.7	5.5	1185
15SS*¹	Spain		Vitoria	7480 ± 50 (X-2586-7)	8293 ± 64		1a21	1a	-19.4		
17SS*¹	Spain	MK659716	Vitoria	6397 ± 32 (OxA-30245)	7345 ± 52		1a23	1a	-20.0		
CR1	Spain	MK659717	Atxagakoa	6188 ± 35 (OxA-30240)	7091 ± 59		1a24	1a	-18.9	7.3	N/A
UR.ET. 02	Spain	MK659719	Cueva del Trocs	5377 ± 34 (OxA-30299)	6545 ± 55		1a27	1a	-19.5	2.6	N/A
Aix2	France		Doubs	1723 ± 23 (OxA-30246)	1640 ± 45		1b25	1b	-19.8		
Aix3	France		Doubs	2497 ± 26 (OxA-30247)	2605 ± 83		1b25	1b	-20.6		
Aix4	France	MK659750	Isère	8740 ± 45	9733 ± 100		1c2	1c			
Aix5	France		Doubs	12390 ± 30	14603 ± 327		1a14	1a			
SI1	Slovakia		Belianske Tatry Mts	456 ± 25 (OxA-30248)	515 ± 8		1b25	1b	-20.8		1548
SI2	Slovakia	MK659733	Západné Tatry Mts.	5003 ± 30 (OxA-30249)	5766 ± 80		1b14	1b			1133
SI3	Slovakia	MK659743	Nizke Tatry Mts.	11665 ± 50 (OxA-30250)	13551 ± 134		1b25	1b			900
G3	Russia	MK659760	Kama River			ca. 1100	3.21	3			
G6	Russia	MK659753	Urals			2300-2700	3.4	3			
G7	Russia	MK659754	European Russia			2800-3000	3.7	3			
G9	Estonia	MK659751	Unknown	5628 ± 33 (OxA-30300)	6400 ± 47		3.1	3	-21.2	5.1	N/A
G15	Russia	MK659763	European Russia			ca 2200	3.25	3			
G20	Ukraine		Luka Vrobletski			ca. 4000	1b25	1b			
G32	Georgia	MK659726	Kudaro 1 Cave, layer 3, Caucasus	>48600 (OxA-32245)	(>52722)		1b5	1b	-19.6	3.2	1600
Ro2	Romania	MK659745	Fagaras mts.	372 ± 24 (OxA-30257)	416 ± 67		1b32	1b			
Ro3	Romania	MK659746	Mehedinti mts.	1109 ± 26 (OxA-30214)	1017 ± 32		1b34	1b	-20.5	2.2	N/A
Ro4	Romania		Mehedinti mts.	1160 ± 25 (OxA-30215)	1078 ± 55		1b32	1b	-19.9	3.7	N/A

Ro5	Romania	MK659705	Mehedinti mts.	5018 ± 34 (OxA-30259)	5784 ± 77	1a1	1a	-18.6		
Ro6	Romania	MK659731	Mehedinti mts.	1900 AD (OxA-30260)		1b12	1b	-20.8		
Ro8	Romania		Southern Carpathians	188 ± 23 (OxA-30261)	153 ± 125	3.7	3	-20.0		
Ro9	Romania		Southern Carpathians	10205 ± 55 (OxA-30295)	11903 ± 147	1a1	1a	-19.3	2.6	N/A
Ro10	Romania		Fagaras mts.	125 ± 25 (OxA-30258)	139 ± 99	1b34	1b	-18.5		
H1	Romania	MK659741	Apuseni mts.	988 ± 24 (OxA-30134)	891 ± 24	1b22	1b	-19.5	5.5	N/A
Hu6	Hungary		Szelim-barlang, B réteg, Komárom megye	13255 ± 60 (OxA-30262)	16185 ± 409	1b25	1b	-19.5		
Hu9	Hungary	MK659739	Szelim-barlang, B réteg, Komárom megye	13240 ± 28 (OxA-30268)	16170 ± 399	1b20	1b	-19.8	4.6	292
Hu10	Hungary		Varbó, Lambrecht Kálmán-barlang	6064 ± 32 (OxA-30699)	6925 ± 40	1b32	1b	-18.8	8.0	410
Hu11	Hungary		Varbó, Lambrecht Kálmán-barlang	6038 ± 33 (OxA-30237)	6886 ± 50	1b32	1b	-18.0	8.8	410
Hu12	Hungary		Varbó, Lambrecht Kálmán-barlang, P/II. réteg	2052 ± 25 (OxA-30263)	2022 ± 36	1b25	1b	-18.9	7.8	410
Hu15	Hungary	MK659734	Varbó, Lambrecht Kálmán-barlang, P/II. réteg	3499 ± 28 (OxA-30238)	3778 ± 45	1b15	1b	-20.0	4.2	410
Hu18	Hungary		Varbó, Lambrecht Kálmán-barlang, P/I. réteg	3528 ± 30 (OxA-30213)	3801 ± 54	1b15	1b	-19.4	4.4	410
Hu20	Hungary	MK659755	Peskó-barlang, humusz	4017 ± 31 (OxA-30239)	4484 ± 36	3.9	3	-18.8	8.4	745
Bu1	Bulgaria	MK659737	Dolnoslav		ca. 5000	1b18	1b			
Bu3	Bulgaria	MK659736	Pirin mountain	8367 ± 39 (OxA-30270)	9391 ± 58	1b17	1b	-18.7	6.7	N/A
Bu6	Bulgaria	MK659747	Temnata dupka	180 ± 22 (OxA-30562)	149 ± 125	1b35	1b	-17.1	2.9	420
Bu8	Bulgaria	MK659721	Svinskata cave	1783 ± 27 (OxA-30403)	1709 ± 59	1a32	1a	-19.2	4.3	450
Bu9	Bulgaria	MK659713	Baley, N-W Bulgaria	3267 ± 27 (OxA-30133)	3505 ± 41	1a10	1a	-19.8	6.5	100
Bu12	Bulgaria	MK659744	Mazeta/Mazeto cave	3216 ± 31 (OxA-30419)	3434 ± 28	1b31	1b	-18.5	4.0	1350

Bu15	Bulgaria	MK659732	District of Trun		ca. 200	1b13	1b			
Bu16	Bulgaria	MK659720	Unknown loc./ P4,4	5665 ± 50 (OxA-32244)	6456 ± 53	1a31	1a	-19.6	5.2	N/A
Pa2	Slovenia	MK659724	Matjazeve kamer	>43500 (Beta-422073)	(>47102)	1b3	1b	-19.0	3.0	540
Pa9	Czech Rep.		Pod hradem	21940 ± 140 (OxA-30136)	26330 ± 382	3.1	3	-19.5	6.9	N/A
Pa10	Austria		Gudenus cave	12480 ± 55 (OxA-30264)	14784 ± 299	1b25	1b	-19.5	5.0	496
Pa11	Austria		Krems-Wachtberg	26800 ± 220	31561 ± 251	3.1	3			260
Pa13	Austria	MK659727	Herdengel-cave	53000 ± 1700	53000	1b6	1b			878
Pa14	Austria	MK659722	Repolust-cave	27270±220	31930 ± 179	1b1	1b			525
Pa19	France		Igue du Gral	19390 ± 100	23155 ± 283	1a1	1a			
Pa20*2	Switzerland		Geissbachhöhle	6810 ± 50	7650 ± 36	1b25	1b			1260
Pa21*3	Austria	MK659740	Wildes Loch	1210 ± 30	1137 ± 45	1b21	1b	-20.1	2.6	1796
Pa22*3	Austria		Laufenbergloch	9810 ± 70	11241 ± 51	1b25	1b	-20.3	1.3	1445
Pa25*2	Austria		Bärenfalle	1730 +-30	1643 ± 46	1b25	1b			
Pa26*3	Germany		Schlüssellochhöhle	10055 ± 33	11585 ± 149	1b25	1b	-18.7	5.2	1275
Pa27*3	Switzerland		Bärenhöhle am Stoss	5260 ± 65	6060 ± 96	1b25	1b	-19.8	2.2	1165
Pa29*2	Switzerland		Bärenfalle, Silberer	7845 ± 75	8707 ± 136	1b25	1b			2070
Pa30	Switzerland		Neuschneehöhle	5610 ± 70	6403 ± 69	1b25	1b			1680
Pa31	Austria	MK659742	Eichberghöhle	2695 ± 45	2810 ± 37	1b23	1b			850
Pa32	Romania		Pestera cu Ceata	8790 ± 35	9813 ± 74	1b32	1b			
Pa34*2	Switzerland		Wildenmannlisloch	10325 ± 50	12221 ± 171	1c2	1c			1620
M1	Austria		Mariannenhöhle	29475 ±174	33840 ± 302	1b12	1b			636
Mj4	Belgium	MK659738	Furfooz		Post-LGM	1b19	1b			
Mj5	Belgium	MK659749	Goyet, 3e caverne	12960 ± 65 (OxA-32248)	15783 ± 405	1c1	1c	-19.8	5.3	130
Mj6	Belgium		Goyet, 3e caverne	28800 ± 320 (OxA-32250)	33277 ± 461	1b12	1b	-19.2	8.7	130
Mj7	Belgium		Goyet, 3e caverne	19770 ± 130 (OxA-32251)	23675 ± 298	1a1	1a	-19.8	4.2	130
Mj8	Belgium		Goyet, 3e caverne	16840 ± 90 (OxA-32252)	20063 ± 280	1c1	1c	-19.3	6.4	130
J1	Belgium		Trou al'Wesse	12670 ± 60 (OxA-30404)	15047 ± 307	1b25	1b	-19.8	4.4	200

J2	Belgium		Trou al'Wesse	12800 ± 60 (OxA-30251)	15285 ± 256		1b25	1b	-20.0		
J11.1	Belgium		Trou al'Wesse	17170 ± 90 (OxA-32186)	20609 ± 303		1a1	1a	-19.3	4.1	200
J16	UK (Wales)	MK659730	Little Hoyle			LGM?	1b11	1b			
J17	UK (Wales)		Little Hoyle	23010 ± 180 (OxA-32246)	27579 ± 450		3.1	3	-17.7	8.7	<100
J20	UK (Wales)	MK659752	Pontnewydd Cave			Pre-LGM	3.2	3			
J23	UK (Wales)		Pontnewydd Cave			Pre-LGM	3.2	3			
J26	UK (Wales)	MK659757	Pontnewydd Cave			Pre-LGM	3.15	3			
J27	UK (Wales)		Pontnewydd Cave	32900 ± 800	37490 ± 1175		3.1	3			
J29	UK (Wales)		Pontnewydd Cave			Pre-LGM	3.1	3			
J30	UK (Wales)		Pontnewydd Cave	28400 ± 300 (OxA-32247)	32829 ± 423		3.1	3	-19.6	10.6	<100
J32	UK (Wales)		Pontnewydd Cave			Pre-LGM	3.1	3			
J33	UK (Wales)	MK659762	Pontnewydd Cave			Pre-LGM	3.24	3			
J34	UK (Wales)	MK659710	Penwyllt Cave			Late Glacial	1a7	1a			
J35	UK (Wales)		Penwyllt Cave			Late Glacial	1a1	1a			
J36	UK (Wales)		Priory Farm Cave			Late Glacial	3.1	3			
R5	Netherlands	MK659723	North Sea	47100 ± 2900 (OxA-32256)	51555 ± 4035		1b2	1b	-19.7	8.5	<100
NS2	Netherlands	MK659707	North Sea	47100 ± 2800 (OxA-30157)	51489 ± 3925		1(b)10	?	-19.4	10.7	<100
NS3	Netherlands	MK659709	North Sea	5781 ± 33 (OxA-30158)	6586 ± 48		1a5	1a	-21.3	5.7	<100
NS5	Netherlands	MK659761	North Sea	>44500 (OxA-30159)	(>47895)		3.18	3	-19.5	6.2	<100
NS17	Netherlands		North Sea	>48500 (OxA-32253)	(>52598)		1b12	1b	-19.8	9.9	<100
NS20	Netherlands	MK659729	North Sea	>46800 (OxA-32254)	(>50333)		1b8	1b	-19.8	10.0	<100
NS23	Netherlands	MK659728	North Sea	44500 ± 2100 (OxA-32255)	48237 ± 2544		1b7	1b	-19.5	9.3	<100
Mz4	Germany	MK659735	Mainz			ca 1950	1b16	1b			
PI1	Poland		Ruska Skała Rock Shelter	3935 ± 35	4545 ± 99		1b32	1b			
PI2	Poland	MK659725	Północna Duża Cave			14-29 kBP	1b4	1b			
PI3	Poland		Południowa Cave	9860 ± 50	11492 ± 98		1b25	1b			
PI4	Poland		Niedźwiedzia Cave			<14000	1b25	1b			
PI7	Poland		Wschodnia Cave	12170 ± 70	14206 ± 236		1b25	1b			
PI9	Poland		Biśnik Cave	>50000	>50000		3.1	3			

PI11	Poland		Sokole Mts		<14000	3.1	3				
PI16	Poland		Deszczowa Cave	4000 ± 100	4500±170		1b25	1b			
PI17	Poland		Dziadowa Skala Cave		ca 12000		1b25	1b			
PI18	Poland		Grota Kasprowa, Tatra Mts.		ca 50		1b32	1b			
PI19*4	Poland		Komarowa Cave	12260 ± 60	14346 ± 276		1b25	1b			
PI22	Poland		Cave in Tatra Mts.	2330 ± 30	2190 ± 30		1b32	1b			
PI23	Poland		Nad Zagonem Cave (Zielona Cave), Tatra Mts.		ca 1800		1b32	1b			
Sw1	Sweden	MK659708	Motala, kanaljorden		ca 7600		1a4	1a	-20.5	4.7	<100
Sw4	Sweden		Smedstorp, Skåne	9105 ± 50 (OxA-32192)	10290 ± 57		1a1	1a	-20.7	4.5	<100
Sw8	Finland	MK659764	Enontek iö näkkälä	830 ± 25	740 ± 27		3.22	3			
Sw9	Sweden	MK659711	Sotenäs kanal	1959 ± 27 (OxA-32193)	1916 ± 27		1a8	1a	-20.6	3.7	<100
Sw11	Sweden	MK659759	Sturefors, Östergötland	8040 ± 30 (Beta-419016)	8913 ± 92		3.17	3	-19.9	5.1	<100
Sw12	Sweden	MK659756	Årnarp, Halland	8955 ± 45 (OxA-32193)	10081 ± 107		3.13	3	-20.7	4.8	<100
Sw13	Sweden	MK659758	Erikslund, Sillre, Medelpad	5443 ± 30 (X-2581-54)	6254 ± 31		3.16	3	-20.2	3.4	<100
Sw19	Sweden	MK659712	Grödinge/Korsnäs	4145 ± 40	4699 ± 90		1a9	1a			
GX22	Norway	MK659706	Skien	192 ± 26 (OxA-32236)	156 ± 124		1a2	1a	-19.6	6.8	<100
GX47	Norway		Karlebotn		(1880 AD)		3.22	3			
Sw37	Norway		Alten		(1894 AD)		3.22	3			
J8	Belgium		Trou al Wesse		LP-Early Holocene		Partial	1b			
NS1	Netherlands		North Sea		LP-Early Holocene		Partial	1b			
NS9	Netherlands		North Sea		LP-Early Holocene		Partial	1b			
NS13	Netherlands		North Sea		LP-Early Holocene		Partial	1b			
NS19	Netherlands		North Sea		LP-Early Holocene		Partial	3			
NS32	Netherlands		North Sea		LP-Early Holocene		Partial	1a			
Mz1	Germany		Gimbsheim		LP-Early Holocene		Partial	1b			
Sw20	Sweden		Alvastra påbyggnad		ca 5100		Partial	1a			
Bc1	Spain		La Garrotxa		Late Pleistocene		No DNA				
Bc2	Spain		La Garrotxa		Late Pleistocene		No DNA				

Bc3	Spain	La Garrotxa	Late Pleistocene	No DNA		
Bc4	Spain	Ullastret, Girona	Late Pleistocene	No DNA		
Bc5	Spain	Santa Pau de Gaudixa	Late Pleistocene	No DNA		
Bc6	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc7	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc8	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc9	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc10	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc11	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
Bc12	Spain	Cova dels Muriceus (Lleida)	Late Pleistocene	No DNA		
1SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	No DNA		1185
2SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
3SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
4SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
6SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
7SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
9SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
10SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a25	1a	1185
11SS*¹	Spain	Sima de Illobi	Pleistocene/Holocene	1a21	1a	1185
13SS*¹	Spain	Vitoria region	Pleistocene/Holocene	1a21	1a	
14SS*¹	Spain	Vitoria region	Pleistocene/Holocene	No DNA		
16SS*¹	Spain	Vitoria region	Pleistocene/Holocene	No DNA		
18SS*¹	Spain	Vitoria region	Pleistocene/Holocene	No DNA		
19SS*¹	Spain	Vitoria region	Pleistocene/Holocene	No DNA		
Cr1	Croatia	Krapina	Late Pleistocene	No DNA		
Cr2	Croatia	Krapina	Late Pleistocene	No DNA		
Cr3	Croatia	Krapina	Late Pleistocene	No DNA		
Cr4	Croatia	Krapina	Late Pleistocene	No DNA		
Aix1	France	Doubs	Holocene?	1b25	1b	

SI4	Slovakia	MK659748	Jaskyňa Izabely Textorisovej Cave, Velká Fatra Mts.	?	1b37	1b	754
SI5	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI6	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI7	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI8	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI9	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI10	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
SI11	Slovakia		Trencianske Bohuslavice	LGM	No DNA		210
G2	Russia		European Russia	?	No DNA		
G10	Russia		Eliseevichi, russian plains	Late Pleistocene	No DNA		
G13	Russia		Urals	Late Pleistocene	Partial	3	
G14	Uzbekistan		Aman Koutan Cave	Mousterian (LP)	No DNA		
G15	Russia		European Russia?	2200	No DNA		
G16	Russia		Volga River, SW Russia	Middle Pleistocene?	No DNA		
G17	Russia		Shan-Koba, Crimea	Early Holocene?	No DNA		
G21	Moldova		Unknown	Bronze age?	No DNA		
G24	Russia		Tver Region (Eur)	Neolithic (late)	No DNA		
G25	Russia		Tver Region (Eur)	Neolithic (late)	No DNA		
G26	Russia		Tver Region (Eur)	Neolithic (late)	No DNA		
G27	Russia		Tver Region (Eur)	Neolithic (late)	No DNA		
G29	Georgia		Kudaro 1 Cave, Caucasus	Late Pleistocene	No DNA		
G30	Georgia		Kudaro 1 Cave, layer 2, Caucasus	>49900 (OxA-30256)		U. kudarensis	
G31	Georgia		Kudaro 3 Cave, layer 3c, Caucasus	Late Pleistocene	No DNA		
G33	Georgia		Kudaro 1 Cave, layer X, Caucasus	Late Pleistocene	No DNA		
Ro1	Romania		Casian	MIS 3?	No DNA		
Ro7	Romania		Eastern Carpathians	?	No DNA		
Ro11	Romania		Muerilor cave	33750 ± 550 (OxA-30560)		U. spelaeus	
It1	Italy		Columbare, Negrar Verona	Holocene site	Partial	1c	
It2	Italy		Veje A I shats Verona	?	No DNA		

It3	Italy	Lecce Sole, Falciano Selice	?	No DNA	
It4	Italy	Lecce Sole, Falciano Selice	?	No DNA	
It5	Italy	Lecce Sole, Falciano Selice	?	No DNA	
It6	Italy	Fumane di Corredo	Bronze age	No DNA	
It7	Italy	Cerè cave sant'anna d'Alfredo VR	Pleistocene (Riss)	No DNA	
It8	Italy	Cerè cave sant'anna d'Alfredo VR	Pleistocene (Riss)	No DNA	
It9	Italy	Banche di Sofferino, Montova	Bronze age	No DNA	
It10	Italy	Sealucca - Molina (Verona)	?	No DNA	
It11	Italy	Avaro (Riparo Mezzena) Verona	Pleistocene site	No DNA	
It12	Italy	Avaro (Riparo Zampieri) Verona	Pleistocene site	No DNA	
It13	Italy	Falciano Caserta (Campania)	Pleistocene site	No DNA	
It14	Italy	Ferrara di Monte Baldo VR	Pleistocene site	No DNA	
It15	Italy	Ferrara di Monte Baldo VR	Pleistocene site	No DNA	
It16	Italy	Ferrara di Monte Baldo VR	Pleistocene site	No DNA	
It17	Italy	Soave (Verona)	Pleistocene site	No DNA	
Hu1	Hungary	Szelim-barlang	Late Pleistocene	No DNA	
Hu2	Hungary	Szelim-barlang	Late Pleistocene	No DNA	
Hu3	Hungary	Szelim-barlang	Late Pleistocene	1b25	1b
Hu4	Hungary	Szelim-barlang	Late Pleistocene	No DNA	
Hu5	Hungary	Szelim-barlang	Late Pleistocene	No DNA	
Hu7	Hungary	Szelim-barlang	Late Pleistocene	No DNA	
Hu8	Hungary	Szelim-barlang	Late Pleistocene	1b25	1b
Hu13	Hungary	Lambrecht Kálmán-barlang	?	Partial	1b
Hu14	Hungary	Lambrecht Kálmán-barlang	?	No DNA	
Hu16	Hungary	Lambrecht Kálmán-barlang	?	No DNA	
Hu17	Hungary	Lambrecht Kálmán-barlang	?	No DNA	
Hu19	Hungary	Lambrecht Kálmán-barlang	?	No DNA	
Hu21	Hungary	Ölyveskő	?	No DNA	
Hu22	Hungary	Tarkői-fülke	?	No DNA	
Hu23	Hungary	Tarkői-fülke	?	No DNA	

Hu24	Hungary	Tarkői-fülke	?	No DNA	
Hu25	Hungary	Istállóskői-barlang	Late Pleistocene	No DNA	
Hu26	Hungary	Zalaegerszeg, 2. téglagyár	Late Pleistocene	No DNA	
Hu27	Hungary	Vesszőstetői-barlang, Bükk	Late Pleistocene	No DNA	
Hu28	Hungary	Süttő, Kőbánya	Late Pleistocene	No DNA	
Hu29	Hungary	Diósgyőri-barlang	Late Pleistocene	No DNA	
Hu30	Hungary	Alsó-Szinva-forrás feletti barlang	Late Pleistocene	No DNA	
Hu31	Hungary	Szuhogy	Late Pleistocene	Partial	1b
Hu32	Hungary	Sikaliktya, Keszthelyi-hegység	Holocene	No DNA	
Hu33	Hungary	Porlyuk-barlang	Late Pleistocene	No DNA	
Hu34	Hungary	Porlyuk-barlang	Late Pleistocene	No DNA	
Hu35	Hungary	Tarkó, III.	Late Pleistocene	No DNA	
Hu36	Hungary	Tarkó, IV.	Late Pleistocene	No DNA	
Hu37	Hungary	Tarkó, IV.	Late Pleistocene	No DNA	
Hu38	Hungary	Tarkó, IV.	Late Pleistocene	No DNA	
Hu40	Hungary	Tarkó, "A" réteg	Late Pleistocene	No DNA	
Bu2	Bulgaria	Dolnoslav. SM 1854	?	1b16	1b
Bu4	Bulgaria	992, Teteven	Pleistocene	No DNA	
Bu7	Bulgaria	Svinskata cave	Late Pleistocene	No DNA	
Bu10	Bulgaria	Baley, N-W Bulgaria	Early bronze age	No DNA	
Bu11	Bulgaria	Baley, N-W Bulgaria	Early bronze age	No DNA	
Bu13	Bulgaria	Gradshnitsa	Early neolithic	No DNA	
Bu14	Bulgaria	Gradshnitsa	Early neolithic	No DNA	
Bu17	Bulgaria	Unknown loc./ D/15	Prehistory	No DNA	
Bu18	Bulgaria	Unknown loc./8-x	Prehistory	No DNA	
Bu19	Bulgaria	Unknown loc./D/15	Prehistory	No DNA	
Bu20	Bulgaria	Unknown loc./D/7	Prehistory	No DNA	
Pa1	Czech Rep.	Pavlov	?	No DNA	
Pa3	Slovenia	Ajdovska jama	?	No DNA	
Pa4	Russia	Krasni Yar	?	No DNA	

Pa5	Russia	Mahnevszkaya		?	No DNA	
Pa6	Austria	Schusterlucke	25870 ± 210 (OxA-30135)		U. spelaeus	
Pa7	Russia	Dinamitnaya		?	No DNA	
Pa8	?	Barsucha cave		?	No DNA	
Pa12	Czech Rep.	Predmost	25350 ± 130		No DNA	
Pa15	Russia	Nizhny Tavda	>48700		No DNA	
Pa16	Russia	Krasni Yar	47500 ± 900		No DNA	
Pa17	Russia	Apatskoe	>50900		No DNA	
Pa18	Romania	Onceasa	20980 ± 110		No DNA	
Pa24	Austria	Bärenhöhle im Stockerstein		?	1b25	1b
Pa28	Switzerland	Milchbalmhöhle	9690 ± 75		No DNA	1622
Pa33	Turkey	Cukurici Höyük		Bronze Age	No DNA	
Pa35	Austria	Gamssulzencave		?	No DNA	1300
Pa37	Austria	Josefinengrotte		Pleistocene?	No DNA	
Pa38	Austria	Badlhöhle		Pleistocene?	No DNA	495
Pa39	Austria	Kugelstein II		Pleistocene?	No DNA	485
Mj2	Belgium	Trou de Chaleux		Post-LGM	1b25	1b
Mj3	Belgium	Furfooz, Trou des Nutons		Post-LGM	No DNA	
Mj9	Belgium	Walsin, Trou de la Naulette		Pre-LGM	No DNA	
J4	Belgium	Trou al'Wesse		Pleistocene	U. spelaeus	
J5	Belgium	Trou al'Wesse		Pleistocene	U. spelaeus	
J6	Belgium	Trou al'Wesse		Pleistocene	No DNA	
J7	Belgium	Trou al'Wesse		Pleistocene	No DNA	
J9.1	Belgium	Trou al'Wesse		Pleistocene	U. spelaeus	
J9.2	Belgium	Trou al'Wesse		Pleistocene	U. spelaeus	
J10	Belgium	Trou al'Wesse		Pleistocene	U. spelaeus	

J11.2	Belgium	Trou al'Wesse	Pleistocene	U. spelaeus
J14.1	Belgium	Trou al'Wesse	Pleistocene	No DNA
J14.2	Belgium	Trou al'Wesse	Pleistocene	U. spelaeus
J15	Belgium	Trou al'Wesse	Pleistocene	U. spelaeus
J18	UK (Wales)	Little Hoyle	LGM(?)	No DNA
J19	UK (Wales)	Cae Gronw	ca. 35000	No DNA
J21	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J22	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J24	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J25	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J28	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J31	UK (Wales)	Pontnewydd Cave	Pre-LGM	No DNA
J37	UK (Wales)	Priory Farm Cave	Late Glacial	No DNA
J38	UK (Wales)	Priory Farm Cave	Late Glacial	No DNA
R1	Netherlands	Utrecht, Laagraven	LP-Early Holocene	No DNA
R2	Netherlands	Gelderland, Wilp	Pleistocene-Weichselien	No DNA
R3	Netherlands	Noord-Brabant, Empel, Maas	Late-Pleistocene	No DNA
R4	Netherlands	North Sea, Maasvlakte 2	Late Pleistocene	No DNA
N1	Netherlands	North Sea	LP-Early Holocene	No DNA
NS4	Netherlands	North Sea	LP-Early Holocene	No DNA
NS7	Netherlands	North Sea	LP-Early Holocene	No DNA
NS8	Netherlands	North Sea	LP-Early Holocene	No DNA
NS10	Netherlands	North Sea	LP-Early Holocene	No DNA
NS11	Netherlands	North Sea	LP-Early Holocene	No DNA
NS12	Netherlands	North Sea	LP-Early Holocene	No DNA
NS14	Netherlands	North Sea	LP-Early Holocene	Partial 1b
NS15	Netherlands	North Sea	LP-Early Holocene	No DNA
NS16	Netherlands	North Sea	LP-Early Holocene	No DNA
NS18	Netherlands	North Sea	LP-Early Holocene	No DNA

NS21	Netherlands	North Sea		LP-Early Holocene	No DNA
NS22	Netherlands	North Sea		LP-Early Holocene	No DNA
NS24	Netherlands	North Sea		LP-Early Holocene	No DNA
NS25	Netherlands	North Sea		LP-Early Holocene	No DNA
NS26	Netherlands	North Sea		LP-Early Holocene	No DNA
NS27	Netherlands	North Sea		LP-Early Holocene	No DNA
NS28	Netherlands	North Sea		LP-Early Holocene	No DNA
NS29	Netherlands	North Sea		LP-Early Holocene	No DNA
NS30	Netherlands	North Sea		LP-Early Holocene	No DNA
NS31	Netherlands	Ijssel river		LP-Early Holocene	No DNA
Mz2	Germany	Eich/Gimbsheim		LP-Early Holocene	No DNA
Mz3	Germany	Gimbsheim		LP-Early Holocene	No DNA
Mz5	Germany	Gimbsheim		LP-Early Holocene	No DNA
PI5	Poland	Niedźwiedzia Cave		ca. 60 Ka (UTh)	U. spelaeus
PI6	Poland	Cave no. 4 on Birów Hill		MIS 3-2	U. spelaeus
PI8	Poland	Stajnia Cave		MIS 3	No DNA
PI10	Poland	Radochowska Cave		MIS 2-1	U. spelaeus
PI12	Poland	Biały Kamień Cave		MIS 4-3	No DNA
PI15	Poland	Biśnik Cave		MIS 5-4	No DNA
PI20*⁵	Poland	Kraków Spadzista B site	24360 ± 160		No DNA
PI21	Poland	Kraków Spadzista E site		25-19 k	No DNA
Sw2	Sweden	Motala		?	No DNA
Sw3	Sweden	Österlöv		?	No DNA
Sw5	Sweden	Småland		?	No DNA
Sw6	Sweden	Skåne, Ugglarp	9355 ± 130		No DNA
Sw7	Sweden	Skåne, Breasten		ca 4300	No DNA
Sw14	Sweden	Skåne		?	No DNA
Sw15	Sweden	Skåne, Börringe		?	No DNA
Sw16	Sweden	Sörmland, Korsnäs		ca 4145	No DNA

Sw17	Sweden	Uppland, Åloppe	?	No DNA
Sw18	Sweden	Uppland, Åloppe	?	No DNA
Sw20	Sweden	Ögötland, Alvastra	?	No DNA
Sw21	Sweden	Stävie mosse	?	No DNA
Sw22	Sweden	Södra Skåne	?	No DNA
Sw23	Sweden	Skåne	?	No DNA
Sw24	Sweden	Skåne, Ingelstorp	?	No DNA
Sw25	Sweden	Skåne, Nöbbelöv	?	No DNA
Sw26	Sweden	Lund	?	No DNA
Sw27	Sweden	Skåne, Järavallen	?	No DNA
Sw29	Sweden	Skåne	?	No DNA
Sw31	Sweden	Skåne	?	No DNA
Sw33	Sweden	Skåne, Östra Vemmenhög	?	No DNA
Sw34	Sweden	Skåne, Gualöv	?	No DNA

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Table S2.

Genbank ID	Country	Location	Age (¹⁴ C BP)	n	Age (cal. BP)	Age (Year)	Haplotype	(Sub-) Clade	δ ¹³ C	δ ¹⁵ N	Alt. (m)	Publication
AJ809333	Austria	Ramesch	47420±1000	1	51184 ± 2166		3.23	3				Hofreiter et al. 2004
AJ809334	Austria	Winden	40020±1000	1	43833±874		1b1	1b				Hofreiter et al. 2004
EF488487	Spain	Cuevas del Somo	7500±55	1	8304±67		1a21	1a				Valdiosera et al. 2007
EF488488	Italy	Abruzzo	16440±65	1	19747±293		1a20	1a				Valdiosera et al. 2007
EF488490	Spain	Cuevas del Somo	5380±45	1	6167±91		1a21	1a				Valdiosera et al. 2007
EF488491	France	Mt. Ventoux	1790±55	1	1718±79		1a26	1a	-19.3	3.7	1650	Valdiosera et al. 2007
EF488492	France	Mt. Ventoux	3845±40	1	4276±85		1c3	1c	-19.7	3.7	1650	Valdiosera et al. 2007
EF488493	France	Mt. Ventoux	1750±30	1	1662±40		1b28	1b	-19.6	4.1	1650	Valdiosera et al. 2007
EF488494	France	Mt. Ventoux	6525±50	1	7434±50		1c2	1c				Valdiosera et al. 2007
EF488495	France	Mt. Ventoux	1570±35	1	1467±44		1a26	1a				Valdiosera et al. 2007
EF488496	France	Mt. Ventoux	4645±40	1	5391±57		1c4	1c				Valdiosera et al. 2007
EF488497	Spain	Navacepada	350±40	1	405±63		1a22	1a				Valdiosera et al. 2007
EF488498	Germany	Mühlberg	1770±35	1	1690±54		3.1	3				Valdiosera et al. 2007
EF488499	Germany	Bad Frankenhausen	5210±35	1	5965±28		1b25	1b				Valdiosera et al. 2007
EF488500	Germany	Wysburg	750±150	1	728±135		1b25	1b				Valdiosera et al. 2007
EF488501	Germany	Dienstedt	1665±35	1	1580±38		1b32	1b				Valdiosera et al. 2007
EF488503	Spain	Cuevas del Somo	4624±45	1	5381±62		1a21	1a				Valdiosera et al. 2007
EF488504	Spain	Atapuerca	17440±425	1	20881±318		1e1	1e				Valdiosera et al. 2007
EF488505	France	Mt. Ventoux	3445±40	1	3730±72		1b25	1b				Valdiosera et al. 2007
EF488506	Romania	Pestera Baltagul	2250±50	1	2253±69		3.9	3				Valdiosera et al. 2007
EF488507	Romania	Pestera Baltagul	2250±50	1	2253±69		3.9	3				Valdiosera et al. 2007
EU400179	Spain	Burgos	6325±50	1	7254±57		1a21	1a				Valdiosera et al. 2008
EU400181	Spain	Valdegoba		1	80 k*		1e1	1e				Valdiosera et al. 2008
EU400182	Spain	Valdegoba		1	80 k*		1e3	1e				Valdiosera et al. 2008

EU400183	Spain	Valdegoba	75-90 ka	1	80 k*	1e2	1e					Valdiosera et al. 2008
EU400207	Spain	Asturias		1		1910 AD	1a12	1a				Valdiosera et al. 2008
EU400180	Spain	Arlanpe	40-80 ka	1	60 k*		3.26	3				Valdiosera et al. 2008
FN292971	Lebanon			1		1870 AD	1d1	1d				Calvignac et al. 2009
JF900158	England	Carsington	12143±46	1	13936±146		1a7	1a	-18.9	5.8	300	Edwards et al. 2011
JF900159	Ireland	Limerick	10650±100	1	12569±174		2.6	2	-21.2	7.0	N/A	Edwards et al. 2011
JF900160	Ireland	Kesh Corran	11920±85	1	13683±182		Partial	2	-17.8	6.7	N/A	Edwards et al. 2011
JF900161	Ireland	Cork	26340±32	1	30937±254		Partial	2	-16.1	9.6	N/A	Edwards et al. 2011
JF900162	Ireland	Cork	26340±32	1	30937±254		2.7	2	-21.5	9.5	N/A	Edwards et al. 2011
JF900163	Ireland	Cork	33310±770	1	39055±1384		1b9	1b	-19.7	5.9	100	Edwards et al. 2011
JF900164	Ireland	Cork	37870±1270	1	42618±628		1b2	1b	-20.2	6.0	100	Edwards et al. 2011
JF900165	Ireland	Waterford	32430±670	1	37818±915		2.1	2	-18.7	7.2	N/A	Edwards et al. 2011
JF900166	Ireland	Leitrim	4520±37	1	5180±93		1a17	1a	-21.6	8.8	N/A	Edwards et al. 2011
JF900167	Ireland	Leitrim	3517±31	1	3791±50		1a30	1a	N/A	N/A		Edwards et al. 2011
JF900168	Ireland	Kesh Corran	11460±57	1	13219±105		2.4	2	-17.9	6.5	N/A	Edwards et al. 2011
JF900169	Ireland	Limerick	8719±48	1	9702±96		2.3	2	-21.4	6.8	N/A	Edwards et al. 2011
JF900170	Ireland	Clare	10495±51	1	12393±199		2.5	2	-19.9	6.1	N/A	Edwards et al. 2011
JF900171	Ireland	Cork	32648±245	1	37970±613		Partial	1b	-20.0	5.5	N/A	Edwards et al. 2011
JF900172	Ireland	Clare	9946±53	1	11391±125		2.2	2	-18.5	9.4	N/A	Edwards et al. 2011
JF900173	Ireland	Waterford	28390±177	1	33067±625		2.1	2	-19.1	7.6	N/A	Edwards et al. 2011
JF900174	Ireland	Sligo	4136±37	1	4687±94		1a16	1a	-21.1	4.6	N/A	Edwards et al. 2011
JF900175	Ireland	Leitrim	2956±33	1	3126±60		1a29	1a	-21.7	4.6	N/A	Edwards et al. 2011
	England	Star Carr	9533±37	1	10890±190		Partial	1a	-20.8	5.8	<100	Edwards et al. 2014
	England	Kinsey Cave	12535±55	1	14645 ±367		1a7	1a	N/A	N/A		Edwards et al. 2014
	England	Kinsey Cave	12465±65	1	14554 ±366		Partial	1a	-18.8	5.2	N/A	Edwards et al. 2014
	England	Victoria Cave	10080±55	1	11613±222		Partial	1a	-18.9	5.2	440	Edwards et al. 2014
	England	Victoria Cave	9594±40	1	10945±189		Partial	1a	-19.0	4.7	440	Edwards et al. 2014
	England	Victoria Cave	12520±50	1	14626±358		1a7	1a	-18.9	7.6	440	Edwards et al. 2014
	England	Victoria Cave	12250±55	1	14158±216		1a1	1a	-19.0	5.9	440	Edwards et al. 2014
	England	Victoria Cave	12125±50	1	13971±73		1a1	1a	N/A	N/A		Edwards et al. 2014

	England	Victoria Cave	12490±50	1	14586±352	1a7	1a	N/A	N/A		Edwards et al. 2014
	England	Raven Scar Cave	9000±40	1	10188±54	1a1	1a	-21.6	0.8	320	Edwards et al. 2014
	England	Gr. Kelco Cave	10355±55	1	12194±202	Partial	No DNA	-20.4	7.7	200	Edwards et al. 2014
	England	Sewell's Cave	11690±45	1	13546±135	1a7	1a	-19.0	5.2	N/A	Edwards et al. 2014
	England	Sewell's Cave	12230±50	1	14089±149	1a1	1a	-18.5	6.1	N/A	Edwards et al. 2014
	England	Conistone Dib Cave	11655±45	1	13515±137	Partial	1a	-19.3	6.1	N/A	Edwards et al. 2014
AY082845/81	Scotland	Bear Cave	2673±54	1	2801±80	1a5	1a	N/A	N/A		Barnes et al. 2002
JQ823238	Denmark		5310±20	1	6098±62	1b25	1b				Bray et al. 2013
JQ823240	Norway		3150±120	1	3359±149	3.1	3				Bray et al. 2013
JQ823242	Norway		6210±100	1	7109±123	3.5	3				Bray et al. 2013
JQ823243	Norway		2800±160	1	2974±190	3.1	3				Bray et al. 2013
JQ823244	Norway		2870±80	1	3022±117	3.1	3				Bray et al. 2013
JQ823250	Norway		1310±30	1	1243±40	3.7	3				Bray et al. 2013
JQ823245	Norway		3530±110	1	3827±141	3.1	3				Bray et al. 2013
JQ823252	Norway		4420±70	1	5072±148	3.1	3				Bray et al. 2013
JQ823256	Norway		3980±180	1	4451±263	3.1	3				Bray et al. 2013
JQ823257	Norway		3970±60	1	4422±91	3.1	3				Bray et al. 2013
	Norway			10	Holocene	3.1	3				Bray et al. 2013
FR733658	Germany	Geissenklösterle	30320±190	1	34876±276	Partial	3	-19.3	9.1	580	Münzel et al. 2011
FR733658	Germany	Geissenklösterle	30560±180	1	35008±358	Partial	3	-19.5	8.3	580	Münzel et al. 2011
FR733658	Germany	Hohle Fels	14600±60	1	17743±286	Partial	3			450	Münzel et al. 2011
	Sweden	Korsnäs	4145±40	1	4699±90		No DNA	-20.0	3.8	<100	Fornander et al. 2008
	Sweden	Unna Saiva	1398±56	1	1323±36		No DNA	-20.6	6.4	490	Salmi et al. 2015
KM886400	Sweden	Arjeplog		1	1939 AD	3.1	3				Xenikoudakis et al. 2015
KM886401	Sweden	Jokkmokk		1	1939 AD	3.1	3				Xenikoudakis et al. 2015
KM886402	Sweden	Porjus		1	1939 AD	3.1	3				Xenikoudakis et al. 2015
KM886403	Sweden	Dorotea		1	1940 AD	3.2	3				Xenikoudakis et al. 2015
KM886404	Sweden	Murjek		1	1940 AD	3.1	3				Xenikoudakis et al. 2015
KM886405	Sweden	Käitokvagga		1	1940 AD	3.2	3				Xenikoudakis et al. 2015

KM886406	Sweden	Dorotea	1	1940 AD	3.2	3	Xenikoudakis et al. 2015
KM886407	Sweden	Norråker	1	1940 AD	3.2	3	Xenikoudakis et al. 2015
KM886408	Sweden	Sonfjället	1	1928 AD	1a13	1a	Xenikoudakis et al. 2015
KM886409	Sweden	Paittasjärvi	1	1928 AD	3.1	3	Xenikoudakis et al. 2015
KM886410	Sweden	Gällivare	1	1932 AD	3.1	3	Xenikoudakis et al. 2015
KM886411	Sweden	Kiruna	1	1910 AD	3.1	3	Xenikoudakis et al. 2015
KM886412	Norway	Hattfjelddalen	1	1915 AD	3.2	3	Xenikoudakis et al. 2015
KM886413	Norway	Southern part	1	1905 AD	1a2	1a	Xenikoudakis et al. 2015
KM886414	Norway	Telemark fylke	1	1907 AD	1a15	1a	Xenikoudakis et al. 2015
KM886415	Norway	Numedal	1	1905 AD	1a6	1a	Xenikoudakis et al. 2015
KM886416	Norway	Rendalen	1	1859 AD	1a13	1a	Xenikoudakis et al. 2015
KM886417	Sweden	Dalarna	1	1864 AD	1a13	1a	Xenikoudakis et al. 2015
KM886418	Sweden	Värmland	1	1832 AD	1a2	1a	Xenikoudakis et al. 2015
KM886419	Sweden	Avaträsk	1	1915 AD	3.7	3	Xenikoudakis et al. 2015
KM886420	Sweden	Jämtland	1	1832 AD	3.1	3	Xenikoudakis et al. 2015
KM886421	Sweden	Dalarna	1	1864 AD	1a3	1a	Xenikoudakis et al. 2015
KM886422	Sweden	Jämtland	1	1846 AD	1a13	1a	Xenikoudakis et al. 2015
KM886423	Sweden	Kaalasluspa	1	1909 AD	3.1	3	Xenikoudakis et al. 2015
KM886424	Sweden	Dalarna	1	1864 AD	1a13	1a	Xenikoudakis et al. 2015
KM886425	Sweden	Jämtland	1	1842 AD	1a13	1a	Xenikoudakis et al. 2015
KM886426	Sweden	Vuoggatjålme	1	1909 AD	3.1	3	Xenikoudakis et al. 2015
KM886427	Sweden	Dalarna	1	1864 AD	1a13	1a	Xenikoudakis et al. 2015
KM886428	Sweden	Dalarna	1	1864 AD	1a3	1a	Xenikoudakis et al. 2015
KM886429	Sweden	Nordansjö	1	1830 AD	1a1	1a	Xenikoudakis et al. 2015
KM886430	Sweden	Värmland	1	1832 AD	1a1	1a	Xenikoudakis et al. 2015
KM886431	Norway	Ulvdalen	1	1899 AD	1a2	1a	Xenikoudakis et al. 2015
KM886432	Norway	Hjartdal	1	1905 AD	1a6	1a	Xenikoudakis et al. 2015
KM886433	Sweden	Dalarna	1	1835 AD	1.1	3	Xenikoudakis et al. 2015
KM886434	Sweden	Vilhelmina	1	1939 AD	3.2	3	Xenikoudakis et al. 2015
KM886435	Sweden	Jämtland	1	1922 AD	3.2	3	Xenikoudakis et al. 2015

KM886436	Sweden	Gällivare		1	1940 AD	3.1	3	Xenikoudakis et al. 2015
KM886437	Sweden	Värmland		1	1835 AD	1a2	1a	Xenikoudakis et al. 2015
KM886438	Sweden	Dalarna		1	1869 AD	1a8	1a	Xenikoudakis et al. 2015
KM886439	Norway	Hjartdal		1	1905 AD	1a6	1a	Xenikoudakis et al. 2015
KM886440	Norway	Etnedal		1	1899 AD	1a2	1a	Xenikoudakis et al. 2015
KM886441	Sweden	Norrland		1	1865 AD	1a11	1a	Xenikoudakis et al. 2015
KM886442	Sweden	Värmland		1	1844 AD	1a5	1a	Xenikoudakis et al. 2015
KM886443	Sweden	Bohuslän		1	1845 AD	1a1	1a	Xenikoudakis et al. 2015
KM886444	Sweden	Värmland		1	1847 AD	1a5	1a	Xenikoudakis et al. 2015
KM886445	Sweden	Dalarna		1	1848 AD	1a1	1a	Xenikoudakis et al. 2015
KM886446	Sweden	Värmland		1	1880 AD	1a2	1a	Xenikoudakis et al. 2015
KM886448	Sweden	Värmland		1	1927 AD	1a2	1a	Xenikoudakis et al. 2015
KM886449	Sweden	Värmland		1	1927 AD	1a8	1a	Xenikoudakis et al. 2015
KM886450	Sweden	Västergötland		1	1838 AD	1a1	1a	Xenikoudakis et al. 2015
KM886451	Norway	Bergen		1	1895 AD	1a2	1a	Xenikoudakis et al. 2015
KM886452	Sweden	Närke		1	1860 AD	1a5	1a	Xenikoudakis et al. 2015
KM886453	Sweden	Dalsland		1	1840 AD	1a1	1a	Xenikoudakis et al. 2015
KM886454	Sweden	Värmland		1	1845 AD	1a1	1a	Xenikoudakis et al. 2015
KM886455	Sweden	Värmland		1	1800 AD	1a2	1a	Xenikoudakis et al. 2015
KM886456	Sweden	Värmland		1	1869 AD	1a8	1a	Xenikoudakis et al. 2015
KM886457	Norway	Unknown		1	1862 AD	1a6	1a	Xenikoudakis et al. 2015
KM886458	Sweden	Nedre Vaptsjön		1	Medieval	3.1	3	Xenikoudakis et al. 2015
KM886459	Sweden	Unna Saiva		1	Medieval	3.1	3	Xenikoudakis et al. 2015
X75862	Italy	Abruzzo	modern	4		1b25	1b	Taberlet & Bouvet 1994
X75864	Bulgaria		modern	1		1b32	1b	Taberlet & Bouvet 1994
X75865	Spain	Cantabria	modern	1		1a12	1a	Taberlet & Bouvet 1994
X75866	Spain	Cantabria	modern	1		1a12	1a	Taberlet & Bouvet 1994
X75867	Croatia		modern	1		1b26	1b	Taberlet & Bouvet 1994
X75868	Sweden	Dalarna	modern	7		1a13	1a	Taberlet & Bouvet 1994
X75869	Estonia		modern	2		3.12	3	Taberlet & Bouvet 1994

X75870	Greece		modern	1	1b31	1b	Taberlet & Bouvet 1994
X75871	Norway		modern	1	1a1	1a	Taberlet & Bouvet 1994
X75872	Romania		modern	1	3.19	3	Taberlet & Bouvet 1994
X75873	Romania		modern	3	3.9	3	Taberlet & Bouvet 1994
X75874	Russia		modern	1	3.1	3	Taberlet & Bouvet 1994
X75874	Estonia		modern	2	3.1	3	Taberlet & Bouvet 1994
X75874	Finland		modern	2	3.1	3	Taberlet & Bouvet 1994
X75874	Sweden	Norrland	modern	7	3.1	3	Taberlet & Bouvet 1994
X75875	Slovakia		modern	1	3.1	3	Taberlet & Bouvet 1994
X75876	Slovakia		modern	1	3.1	3	Taberlet & Bouvet 1994
X75877	Slovenia		modern	13	1b25	1b	Taberlet & Bouvet 1994
X75877	Croatia		modern	1	1b25	1b	Taberlet & Bouvet 1994
X75877	Bosnia		modern	2	1b25	1b	Taberlet & Bouvet 1994
X75877	Italy	Trentino	modern	1	1b25	1b	Taberlet & Bouvet 1994
X75878	France	Pyrenées	modern	4	1a26	1a	Taberlet & Bouvet 1994
EU497665	France	Pyrenées	modern	1	1a28	1a	Bon et al. 2008
	Romania		modern	1	1b34	1b	Zachos et al. 2008
	Romania		modern	1	3.1	3	Zachos et al. 2008
	Romania		modern	4	1b32	1b	Zachos et al. 2008
	Romania		modern	1	3.7	3	Zachos et al. 2008
	Romania		modern	1	1b34	1b	Zachos et al. 2008
	Romania		modern	1	1b32	1b	Zachos et al. 2008
	Romania		modern	1	1b32	1b	Zachos et al. 2008
	Romania		modern	1	1b33	1b	Zachos et al. 2008
	Romania		modern	2	3.9	3	Zachos et al. 2008
	Romania		modern	3	1b32	1b	Zachos et al. 2008
	Italy		modern	17	1b25	1b	Zachos et al. 2008
EU400184-207	Spain	Cantabria	modern	21	1a12	1a	Valdiosera et al. 2008
EU400197	Spain	Cantabria	modern	1	1a12	1a	Valdiosera et al. 2008

EU400202	Spain	Cantabria	modern	1	1a19	1a	Valdiosera et al. 2008
EU400205	Spain	Cantabria	modern	1	1a18	1a	Valdiosera et al. 2008
HQ602651	Croatia		modern	45	1b25	1b	Kocijan et al. 2011
HQ602652	Croatia		modern	13	1b29	1b	Kocijan et al. 2011
HQ602653	Croatia		modern	1	1b26	1b	Kocijan et al. 2011
AP012588	Russia	Urals	modern	1	3.1	3	Hirata et al. 2013
AP012590	Bulgaria		modern	1	3.9	3	Hirata et al. 2013
AP012591	Bulgaria		modern	1	1b35	1b	Hirata et al. 2013
KJ638591	Bulgaria		modern	5	1b34	1b	Frosch et al. 2014
KJ638592	Bulgaria		modern	53	1b35	1b	Frosch et al. 2014
KJ638593	Bulgaria		modern	10	1b36	1b	Frosch et al. 2014
KJ638594	Bulgaria		modern	8	1a33	1a	Frosch et al. 2014
KJ638595	Bulgaria		modern	4	3.8	3	Frosch et al. 2014
KJ638596	Bulgaria		modern	1	3.10	3	Frosch et al. 2014
KJ638597	Bulgaria		modern	2	3.20	3	Frosch et al. 2014
	Bulgaria		modern	9	1b32	1b	Frosch et al. 2014
	Bulgaria		modern	8	3.9	3	Frosch et al. 2014
	Bulgaria		modern	1	3.1	3	Frosch et al. 2014
	Bulgaria		modern	1	3.7	3	Frosch et al. 2014
	Turkey	Akseki	modern	1	1d2	1d	Cilingir et al. 2015
	Turkey	Akseki	modern	1	1b30	1b	Cilingir et al. 2015
	Turkey	Bursa	modern	1	1b29	1b	Cilingir et al. 2015
EU526765	Estonia		modern	1	3.1	3	Korsten et al. 2009
EU526765	Finland		modern	6	3.1	3	Korsten et al. 2009
EU526765	Russia		modern	52	3.1	3	Korsten et al. 2009
EU526766	Russia		modern	1	3.1	3	Korsten et al. 2009
EU526767	Finland		modern	2	3.14	3	Korsten et al. 2009
EU526768	Russia		modern	1	3.1	3	Korsten et al. 2009
EU526769	Russia		modern	1	3.7	3	Korsten et al. 2009
EU526770	Finland		modern	4	3.1	3	Korsten et al. 2009

EU526770	Russia	modern	4	3.1	3	Korsten et al. 2009
EU526771	Russia	modern	2	3.1	3	Korsten et al. 2009
EU526772	Russia	modern	7	3.1	3	Korsten et al. 2009
EU526773	Finland	modern	1	3.1	3	Korsten et al. 2009
EU526774	Russia	modern	1	3.1	3	Korsten et al. 2009
EU526776	Russia	modern	2	3.1	3	Korsten et al. 2009
EU526777	Finland	modern	7	3.1	3	Korsten et al. 2009
EU526777	Russia	modern	1	3.1	3	Korsten et al. 2009
EU526778	Finland	modern	1	3.3	3	Korsten et al. 2009
EU526779	Finland	modern	1	3.1	3	Korsten et al. 2009
EU526780	Finland	modern	1	3.1	3	Korsten et al. 2009
EU526781	Russia	modern	3	3.1	3	Korsten et al. 2009
EU526782	Russia	modern	1	3.6	3	Korsten et al. 2009
EU526783	Russia	modern	3	3.1	3	Korsten et al. 2009
EU526784	Estonia	modern	27	3.1	3	Korsten et al. 2009
EU526785	Estonia	modern	4	3.1	3	Korsten et al. 2009
EU526785	Russia	modern	2	3.1	3	Korsten et al. 2009
EU526786	Russia	modern	1	3.1	3	Korsten et al. 2009
EU526787	Russia	modern	1	3.1	3	Korsten et al. 2009
EU526788	Russia	modern	3	3.1	3	Korsten et al. 2009
EU526789	Russia	modern	1	3.1	3	Korsten et al. 2009
EU526791	Russia	modern	3	3.1	3	Korsten et al. 2009
EU526792	Finland	modern	3	3.1	3	Korsten et al. 2009
EU526793	Finland	modern	1	3.1	3	Korsten et al. 2009
EU526793	Russia	modern	2	3.1	3	Korsten et al. 2009
EU526799	Finland	modern	1	3.11	3	Korsten et al. 2009
EU526801	Estonia	modern	2	3.1	3	Korsten et al. 2009
EU526802	Estonia	modern	1	3.12	3	Korsten et al. 2009
HE657199	Romania	modern	1	1b27	1b	Hailer et al. 2012
HE657200	Romania	modern	1	1b34	1b	Hailer et al. 2012

HE657201	Bulgaria	modern	1	3.1	3	Hailer et al. 2012
HE657203	Romania	modern	1	3.1	3	Hailer et al. 2012
HE657208	Norway	modern	1	3.22	3	Hailer et al. 2012
HE657209	Norway	modern	1	3.22	3	Hailer et al. 2012
HE657210	Romania	modern	1	3.7	3	Hailer et al. 2012
HE657211	Romania	modern	1	3.9	3	Hailer et al. 2012
HE657212	Sweden	modern	1	3.2	3	Hailer et al. 2012
HE657213	Romania	modern	1	1b34	1b	Hailer et al. 2012
HE657214	Romania	modern	1	1b32	1b	Hailer et al. 2012
HE657215	Norway	modern	1	3.22	3	Hailer et al. 2012
HE657216	Norway	modern	1	3.22	3	Hailer et al. 2012
	Sweden	modern	13	3.1	3	Xenikoudakis et al. 2015
	Sweden	modern	14	3.2	3	Xenikoudakis et al. 2015
	Sweden	modern	20	1a13	1a	Xenikoudakis et al. 2015

* Estimated age

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