

ESZTER BÁNFFY / ALEXANDER GRAMSCH (EDS)

THE NEOLITHIC OF THE SÁRKÖZ
AND ADJACENT REGIONS IN HUNGARY:
BIOARCHAEOLOGICAL STUDIES

CONFINIA ET HORIZONTES VOL. 2

CONFINIA ET HORIZONTES

VOL. 2

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ESZTER BÁNFFY / ALEXANDER GRAMSCH (EDS)

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and Adjacent Regions in Hungary:
Bioarchaeological Studies**

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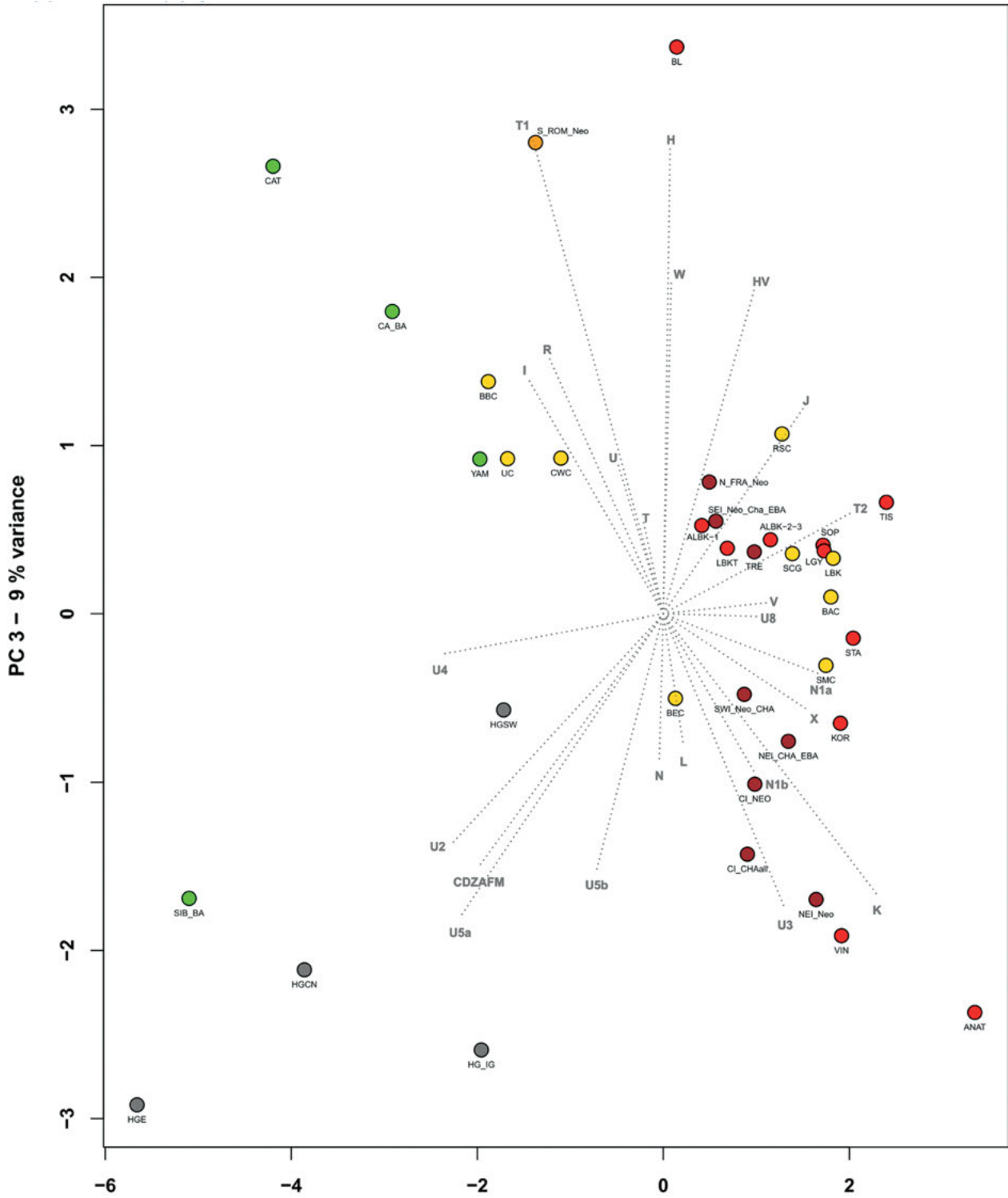
Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

SUPPLEMENTARY FIGURES AND TABLES

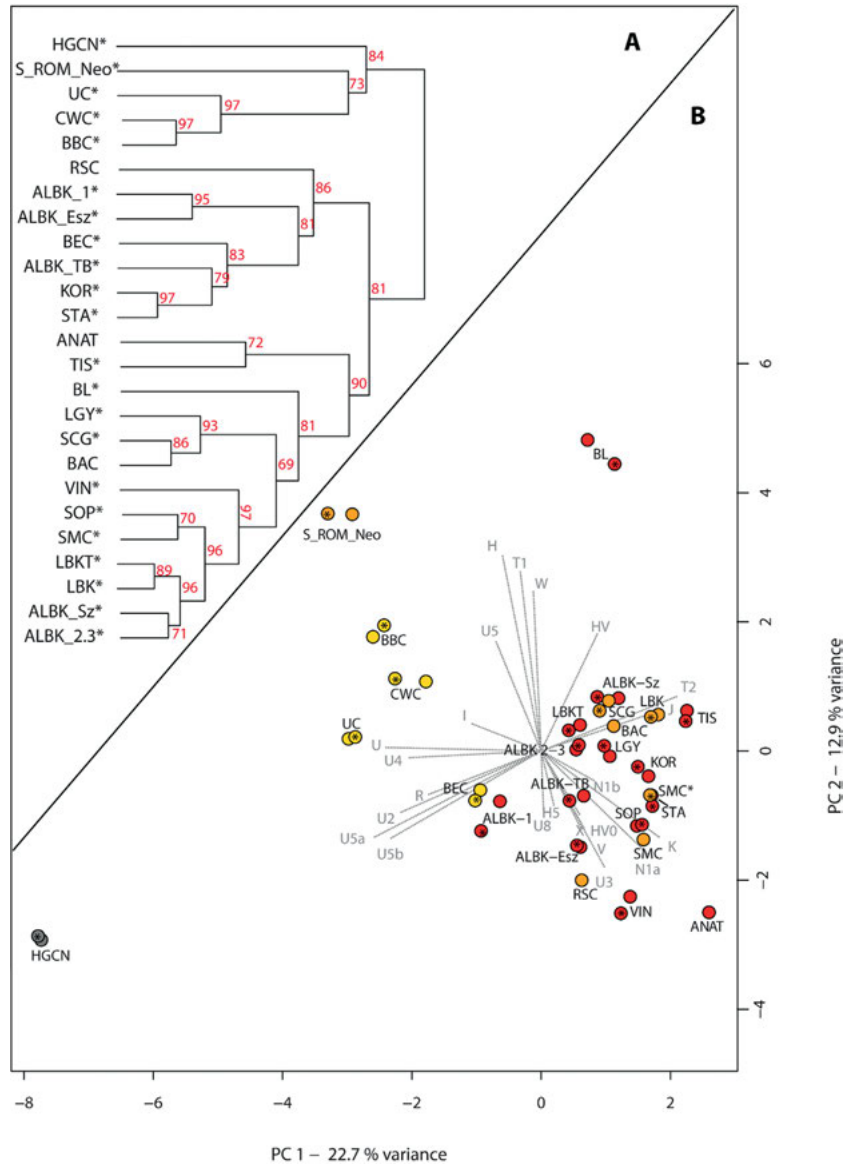
The Supplementary Figures and Tables are available as digital supplement via iDAI.repo:
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Figures 1–8 and tables 1–9, 12–14, 16 and 17 are additionally printed.

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

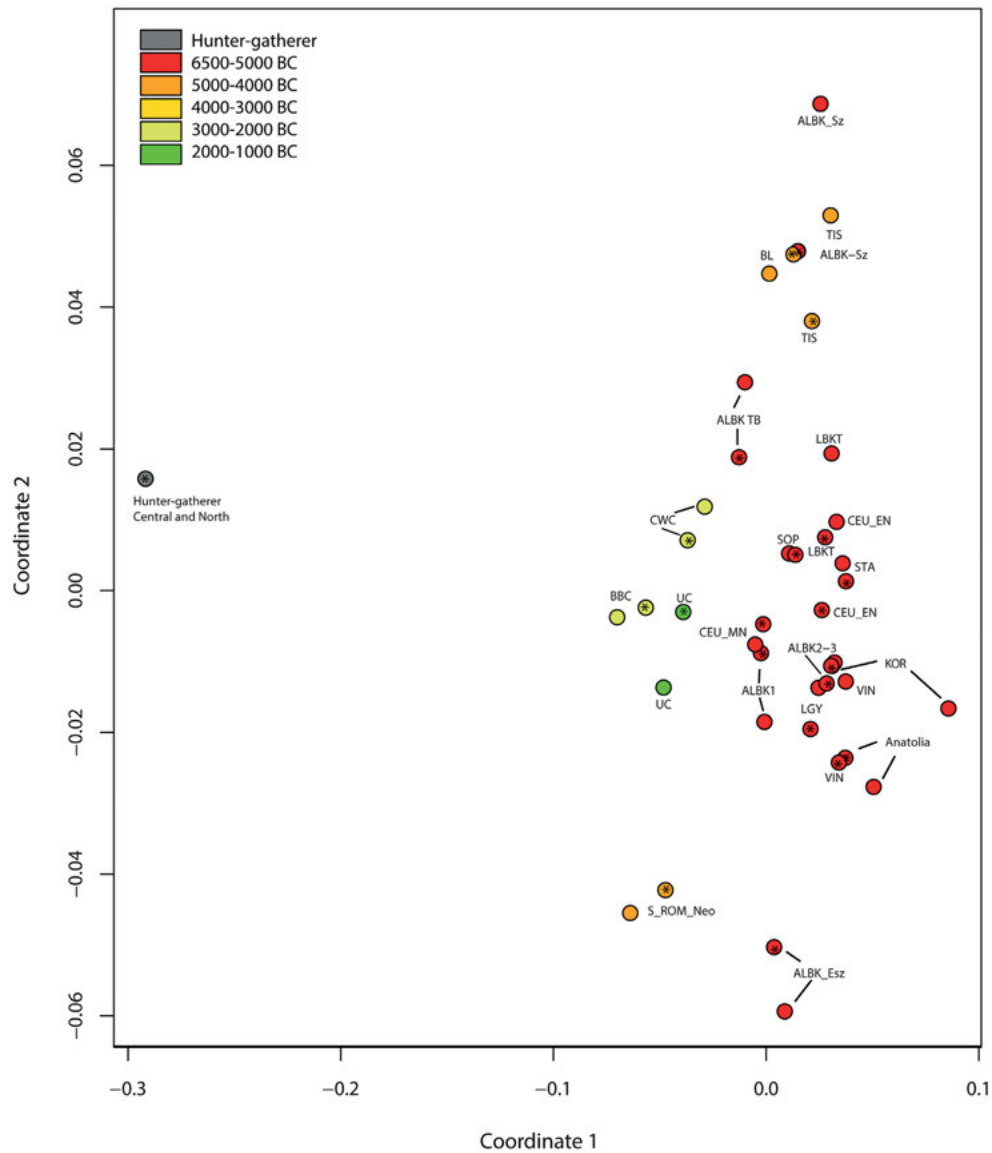


Suppl. Fig. 1. PC1–PC3 plot of 37 prehistoric Eurasian populations (connecting to the PCA on Fig. 10).

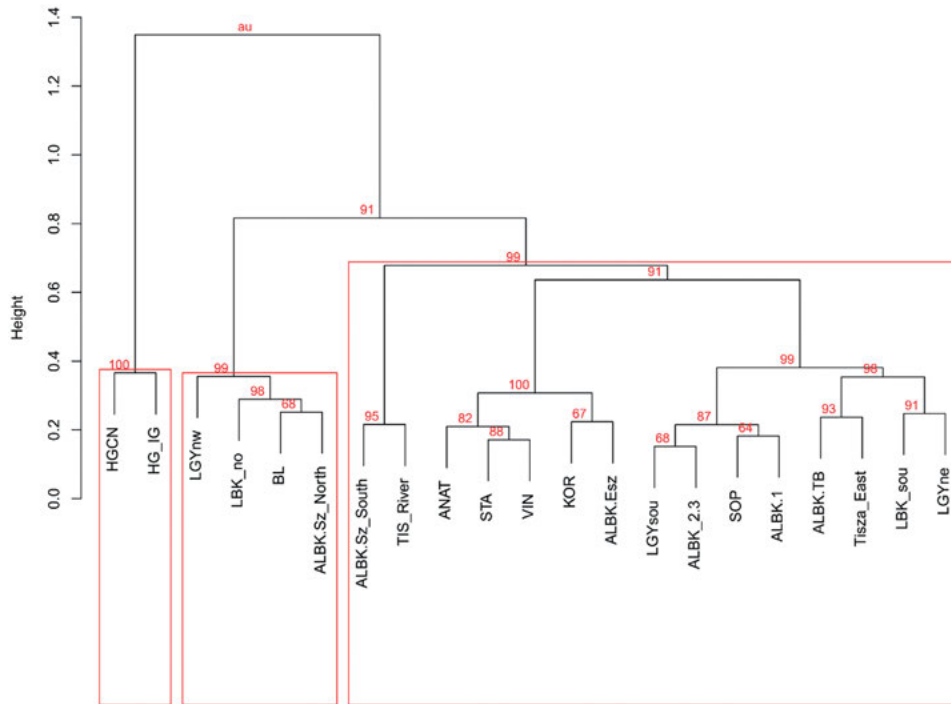


Suppl. Fig. 2. PCA and Ward clustering based on mtDNA haplogroup frequencies of 25 ancient sample sets. The references to the comparative data are listed in *Suppl. Tab. 6*. Two datasets were considered per population if there were potential intra-site maternal relatives. Circles labelled with an asterisk (*) symbolise reduced datasets where potential maternal relatives were counted only once. Population abbreviations: Hunter-Gatherer central and north Europe (HGCN), Neolithic in Anatolia (ANAT), Körös (KOR), ALBK-Szatmár (ALBK-1), ALBK-Tisza-dob-Bükk (ALBK-TB), ALBK-Esztár (ALBK-Esz), classic ALBK (ALBK-2-3), ALBK-Szakálhát (ALBK-Sz), Tisza (TIS), Starčevo culture (STA), Linearbandkeramik culture in Transdanubia (LBKT), Vinča culture (VIN), Sopot culture (SOP), Lengyel culture (LGY), Balaton-Lásinja culture (BL), Middle Neolithic and Eneolithic in south Romania (S_ROM_Neo), Linearbandkeramik culture in central Europe (LBK), Rössen culture (RSC), Schöninger group (SCG), Baalberge culture (BAC), Salzmünde culture (SMC), Bernburg culture (BEC), Corded Ware culture (CWC), Bell Beaker culture (BBC), and Únětice culture (UC).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

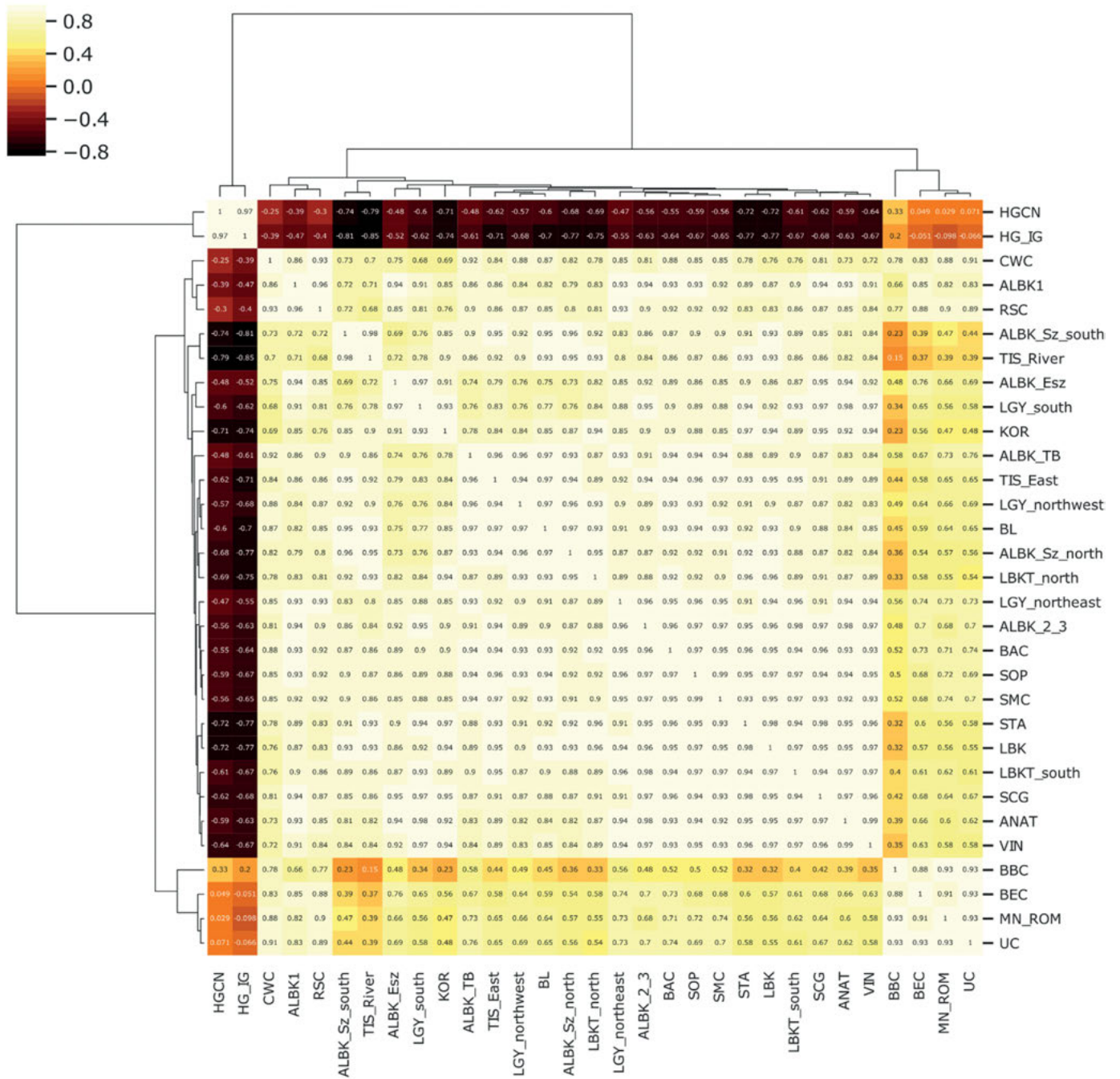


Suppl. Fig. 3. MDS with 24 prehistoric populations. Circles labelled with an asterisk (*) symbolise reduced datasets, where potential maternal relatives were counted only once. Abbreviations: Körös (KOR), ALBK-Szatmár (ALBK-1), ALBK-Tizadob-Bükk (ALBK-TB), ALBK-Esztár (ALBK-Esz), classic ALBK (ALBK-2-3), ALBK-Szakálhát (ALBK-Sz), Tisza (TIS), Starčevo culture (STA), Linearbandkeramik culture in Transdanubia (LBKT), Vinča culture (VIN), Sopot culture (SOP), Lengyel culture (LGY), Balaton-Lásinja culture (BL), Middle Neolithic and Eneolithic in south Romania (S_ROM_Neo), Early Neolithic in Central Europe (CEU_EN), Middle Neolithic in central Europe (CEU_MN), Corded Ware culture (CWC), Bell Beaker culture (BBC), and Únětice culture (UC). F_{ST} values are seen in *Suppl. Tab. 12*.

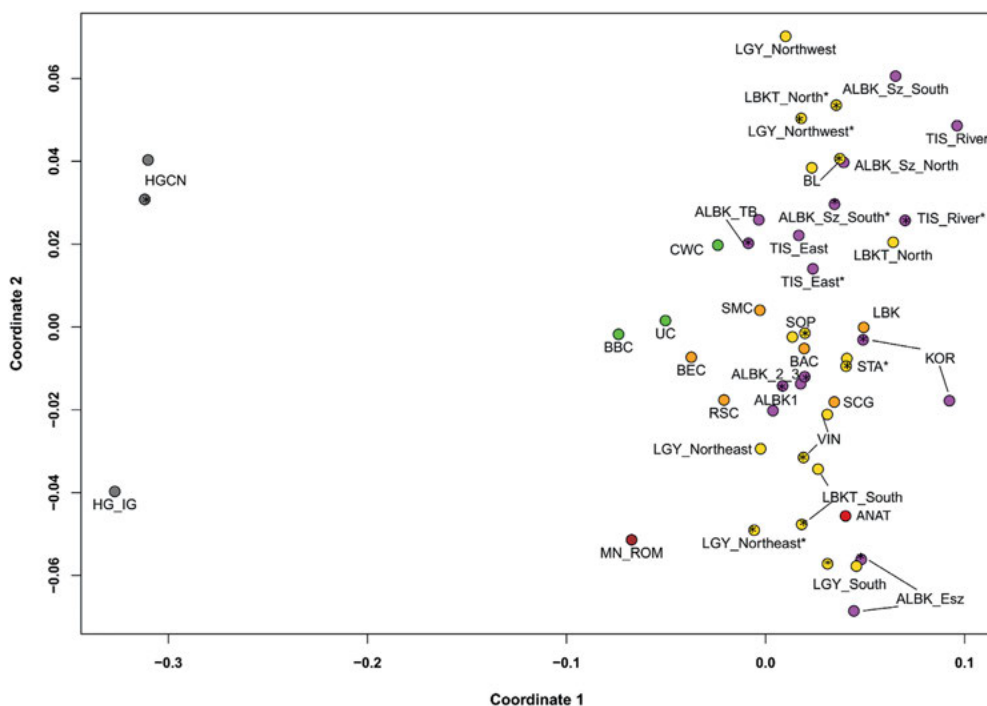


Suppl. Fig. 4. Ward clustering of the regional groups of the Carpathian Basin. This plot corresponds to the PCA presented in *Figure 12*. Only one haplogroup frequency dataset per population was used for the clustering.

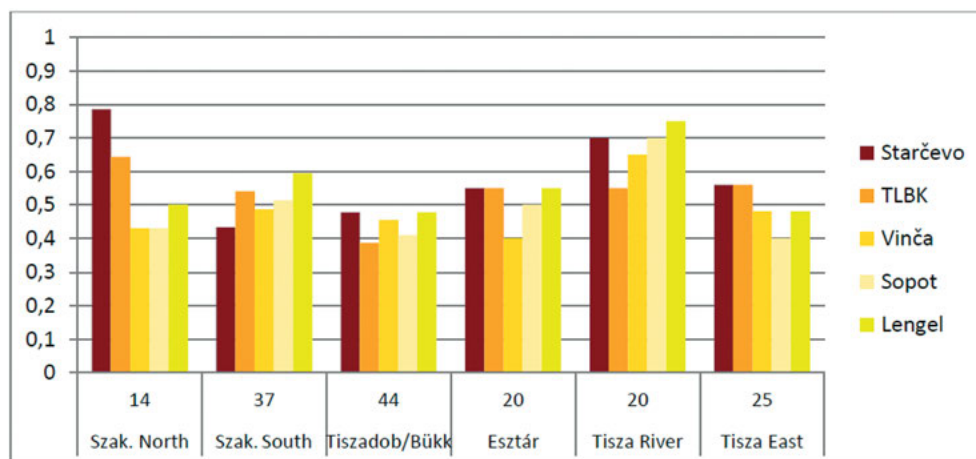
Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin



Suppl. Fig. 5. Correlation heatmap of 31 ancient datasets (with the Carpathian Basin regional groups) based on F_{ST} values calculated in Arlequin.

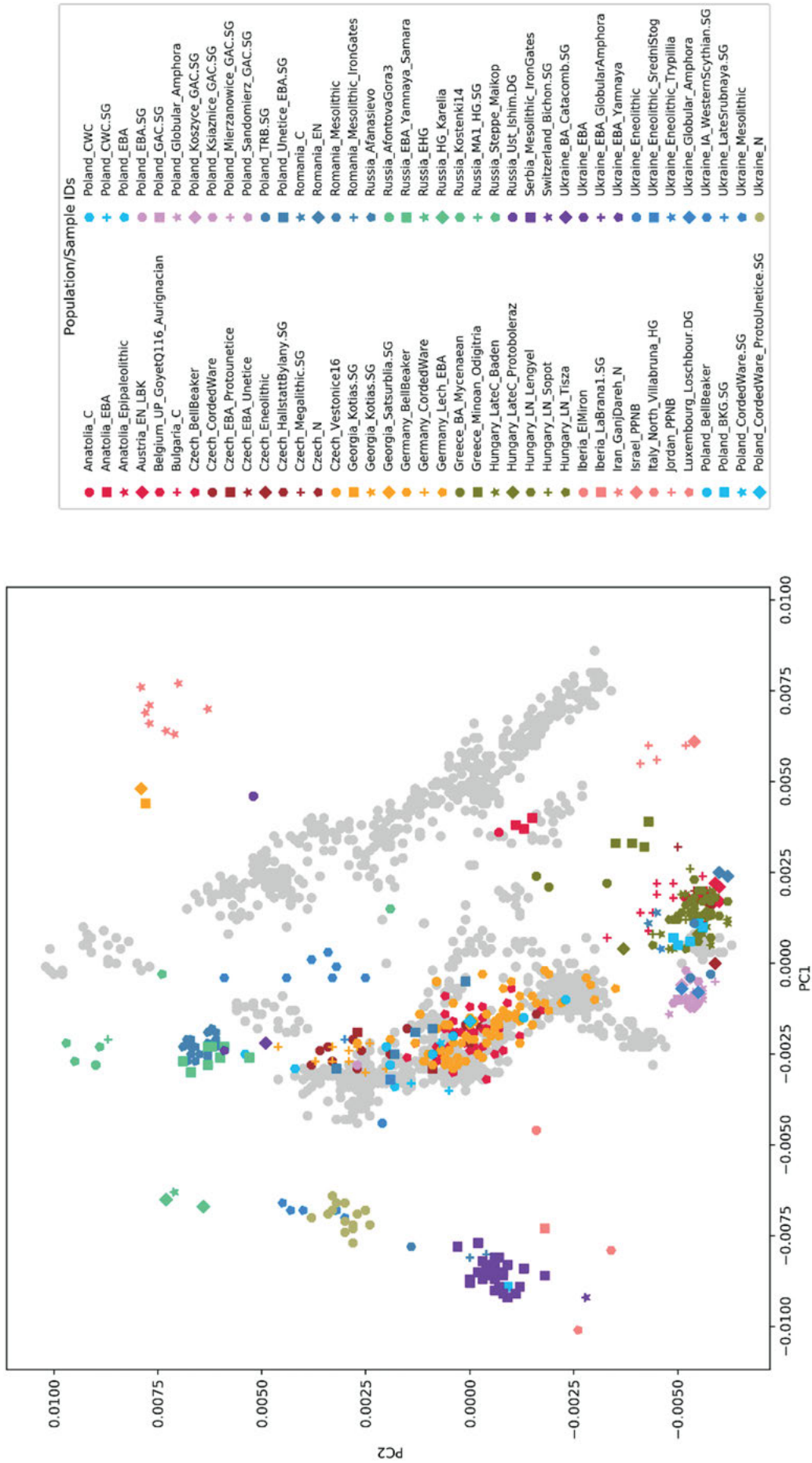


Suppl. Fig. 6. MDS with regional groups. 49 groups were used for this analysis. Dots labelled with an asterisk represent reduced datasets, where potential intra-site maternal relatives were considered. Abbreviations: Hunter-Gatherers in central and north Europe (HGCN), Hunter-Gatherers in the Iron Gates (HG_IG), Anatolian Neolithic (ANAT), Körös (KOR), Szatmár (ALBK-1), ALBK-Tiszadob-Bükk (ALBK-TB), ALBK-Esztár (ALBK-Esz), classic ALBK (ALBK-2-3), northern and southern ALBK-Szakálhát (ALBK-Sz-South and ALBK-Sz-North), two groups of Tisza (TIS-River and TIS-East), Starčevo culture (STA), two groups of LBK culture in Transdanubia (LBKT-South and North), Vinča culture (VIN), Sopot culture (SOP), three groups of the Lengyel culture (LGY-Northwest, LGY-Northeast, and LGY-South), and Balaton-Lasinja culture (BL).



Suppl. Fig. 7. Shared haplotypes between the regional groups of the middle and late Alföld Neolithic and the Transdanubian Neolithic cultures (after KEERL 2015, fig. 28).

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Suppl. Fig. 8. PCA with the genomic data. Prehistoric samples are highlighted. The analysis was based on the Human Origin dataset from Europe, the Middle East, and North Africa (with grey dots).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site name	Excavation code	Lab code	Archaeological culture of the sampled burials	Sampled for aDNA in this study	Country	Latitude	Longitude	Year of the excavation
Vela Spila cave / Island Korčula		STANKO	Mesolithic	1	Croatia	42.9672	16.7071	1986–2004
Alsónyék-Bátaszék, Mértőközi Telep	TO5603	BAM	Starčevo culture, Lengyel culture	26	Hungary	46.2055	18.7050	2006–2009
Lánycsók-Csata-alja	M6B116	M6-116	Starčevo culture, Balaton-Lasinja, Bronze Age	4	Hungary	45.9960	18.5810	2008
Lánycsók-Gata Csotrola	M6B067	LGCS	Starčevo culture	4	Hungary	45.993	18.5812	2008
Vinkovci-Nama		VINK	Starčevo culture	6	Croatia	45.2863	18.7982	1977
Vinkovci-Jugobanka		VINJ	Starčevo culture	4	Croatia	45.2827	18.7940	1977–1978
Vukovar-Gimnazija		VUKG	Starčevo culture	4	Croatia	45.3480	18.9996	1999
Balatonszászó-Kis-erdei-dűlő	M7S008	BSZ	LBK	23	Hungary	46.8204	17.8580	2001–2006
Balatonszemes-Bagódomb	M7S012	BAB	LBK	4	Hungary	46.7893	17.7848	1999–2001
Bölcske-Gyűrűsvölgy	M6TO14	BÖVÖ	LBK	5	Hungary	46.7672	18.8793	2008
Budakeszi, Szőlőskert-Tangazdaság		BUD	LBK	15	Hungary	47.5016	18.9104	2006
Harta-Gátörház		HARG	LBK	5	Hungary	46.7054	19.0145	2002–2003
M85 Enese elkerülő 02. Kóny, Proletár-dűlő II	M85	KON	LBK, Lengyel, Balaton-Lasinja, Bronze Age	7	Hungary	47.6386	17.3645	2008
Szemely-Irtás	M6B083	SZEH	LBK, Vinča-Sopot	7	Hungary	46.0258	18.3227	2006–2007
Tolna-Mózs	M6TO026	TOLM	LBK	2	Hungary	46.4070	18.7421	2008
Nitra-Priemyslová ulica		NITR	LBK	3	Slovakia	46.4070	18.7421	1964–1965
Versend-Gilencsa	M6B096	VEGI	Vinča	24	Hungary	45.9848	18.5137	2005–2008
Szederkény-Kukorica-dűlő	M6B095	SEKU	Vinča	11	Hungary	45.5853	18.3077	2005–2008
Alsónyék-elkerülő 2. lh.		ALE	Sopot culture, Bronze Age	19	Hungary	46.2085	18.7039	2008
Bicske-Galagonyás		BICS	Sopot culture	5	Hungary	46.2041	18.7224	1933, 1959, 1974
Nemesvámos-Kapsa utca		NEK	Sopot culture	1	Hungary	47.4864	18.6636	2002
Nemesvámos-Baláca		NEB	Sopot culture	2	Hungary	47.0520	17.8844	1984
Fajsz-Garadomb		FAGA	Sopot culture	3	Hungary	47.0451	17.8889	2006–2008
Radovanci		RADOV	Sopot culture	1	Croatia	46.4159	18.9197	2006
Bátaszék-Lajvépuzsra		BAL	Lengyel culture	25	Hungary	46.2098	18.6992	2009

Suppl. Tab. 1. Summary of the archaeological sites included in this study.

Site name	Excavation code	Lab code	Archaeological culture of the sampled burials	Sampled for aDNA in this study	Country	Latitude	Longitude	Year of the excavation
Borjád-Kenderföldek		BORK	Lengyel culture	1	Hungary	46.2048	18.7003	2010
Csabdi-Télizöldes		CSAT	Lengyel culture	30	Hungary	45.9441	18.4691	1978–1986
Felsőörs-Bárókert		FEB	Lengyel culture	5	Hungary	47.5106	18.6169	2009–2010
Mórágy-Tűzkódomb, B1		MORT	Lengyel culture	25	Hungary	47.0193	17.9624	1978–1990
Veszprém-Felszabadulási út		VEM	Lengyel culture	3	Hungary	46.2143	18.6510	1972
Veszprém-Jutasi-Munkácsy út		VEJ	Lengyel culture	12	Hungary	47.1026	17.9123	2003
Keszthely-Fenekpuszta Pusztaszentgyházi dűlő		KEFP	Balaton-Lasinja culture	8 + 6 single samples	Hungary	47.1026	17.9129	2000
Tolna-Mózs	T03	TOLM	Balaton-Lasinja culture	2	Hungary	46.7099	17.2393	2008
Berettyóújfalu, Nagy-Bócs dűlő		BENA	Körös culture, Esztiár	14	Hungary	47.2298	21.5484	2004
Deszk, -1. olajkút		DES	Körös culture	1	Hungary	46.2198	20.2429	1966
Hódmezővásárhely Koracpart		HOKO	Körös culture	2	Hungary	46.4124	20.3256	1932–1933
Maroslele-Pana		MAP	Körös culture	4	Hungary	46.2821	20.3380	1963
Törökzentmiklós-Tiszapüspöki, Karacs háromág, 3. lh.		TÖSM	Körös culture	7	Hungary	47.1832	20.3621	1999
Tiszaszőlős, Domaháza-pusztá, Réti-dűlő		TIDO	Körös culture, ALBK-Szakálhát, ALBK classic-late (2-3)	6	Hungary	47.5614	20.7208	2003
Füzesabony-Gubakút		FUGU	earliest ALBK / Szatmár	12	Hungary	47.7311	20.4169	1995
Mezőkövesd-Mocsolyás		MEMO	earliest ALBK / Szatmár	24	Hungary	47.7832	20.6031	1994
Abony, Serkeszék-dűlő 60. lh.		ABO	ALBK-Szakálhát, Tiszapolgár	19	Hungary	47.2198	20.0189	2003–2006
Adács, Mancsos-rét		ADMA	ALBK-Szakálhát	4	Hungary	47.7167	19.9964	2005
Cegléd, Vároczai-Hodula-dűlő, 4/1 lh.		CEG	ALBK-Szakálhát	15	Hungary	47.1976	19.8066	2003–2004
Cegléd, Ipari-Park		CGIP	ALBK-Szakálhát	9	Hungary	47.1840	19.7953	2000
Csanylelek-Újhalastó		CSAN	ALBK-Szakálhát	1	Hungary	46.5833	20.0904	1979
Deszk, -1. olajkút		DES	ALBK-Szakálhát	1	Hungary	46.2194	20.2404	1966
Pusztataskony Ledence, 1.lh.		PULE1	ALBK-Szakálhát, Tisza, Tiszapolgár	26	Hungary	47.4602	20.5110	2010
Pusztataskony Ledence, 2.lh.		PULE2	ALBK-Szakálhát, Tisza	3	Hungary	47.4602	20.5110	2010

Suppl. Tab. 1. (continued).

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Site name	Excavation code	Lab code	Archaeological culture of the sampled burials	Sampled for aDNA in this study	Country	Latitude	Longitude	Year of the excavation
Tiszaföldvár, Téglagyár		TITE	ALBK-Szakálhát	6	Hungary	46.9777	20.2640	1985
Borjád-Kenderföldékek		BORK	Lengyel culture	1	Hungary	46.2048	18.7003	2010
Debrecen, Tócopart Erdőalja		TOPE	ALBK-Esztár	13	Hungary	47.5083	21.5984	2008–2009
Ebes, Zsong-völgy út		EBVÖ	ALBK-Esztár	5	Hungary	47.4787	21.5024	2007
Ebes, Sajtgyár 19.lh.		EBSA	ALBK-Esztár	4	Hungary	47.4787	21.5024	2010
Hejőkürt, Lidl logisztikai központ		HELI	ALBK-Tiszadob / Bükk	15	Hungary	47.8680	21.0107	2005
Garadna, Elkertülő 2.lh		GAEL	ALBK-Tiszadob / Bükk	13	Hungary	48.4165	21.1780	2003
Mezőzombor, Községi temető		MEKÖ	ALBK-Tiszadob / Bükk	7	Hungary	48.1482	21.2699	2000
Sajószentpéter, vasúti örház		SAVÖ	ALBK-Tiszadob / Bükk	1	Hungary	48.2189	20.7126	2008
Tiszadob-Okenéz		TISO	ALBK-Tiszadob / Bükk	17	Hungary	48.0131	21.1933	2006–2007
Tiszalök-Hajnalos		TTHA	ALBK-Tiszadob / Bükk	1	Hungary	47.9994	21.4122	1985
Polgár, Póócást-dűlő		POPI	ALBK late (4)	5	Hungary	47.8505	21.1063	2006
Hajdúnánás, Eszlári út, M3-45		HAJE	ALBK classic-late (2-3)	20	Hungary	47.8575	21.4323	2004–2005
Kompolt, Kígyósér		KOKI	ALBK classic-late (2-3)	5	Hungary	47.7122	20.2399	1994
Mezőkeresztes-Cethalom		MECE	ALBK classic-late (2-3)	12	Hungary	47.8094	20.7030	1994
Mezőszemere, Kismari-fenek		MEKI	ALBK classic-late (2-3)	2	Hungary	47.7617	20.4989	1995
Tiszabura-Bónishát		TIBO	ALBK classic-late (2-3)	5	Hungary	47.4475	20.4607	2010
Békkés-Povárdzug		BEP	Tisza culture	8	Hungary	46.7597	21.1182	1953–1958
Deszk-Ordos		DEOR	Tisza culture	1	Hungary	46.2148	20.2264	1976
Hódmezővásárhely-Kökénydomb		KÖKE	Tisza culture	2	Hungary	46.3901	20.2776	1928–1944
Hódmezővásárhely-Kökénydomb, Vörös tanya		KÖKE	Tisza culture	1	Hungary	46.3901	20.2776	1940
Hódmezővásárhely -Gorza		HMG	Tisza culture	10	Hungary	46.3789	20.4103	1978–1996
Szegvár-Tűzköves		SZEG	Tisza culture	1	Hungary	46.5841	20.2211	1985
Vésztő-Mágor		VSM	Tisza culture	23	Hungary	46.9448	21.2058	1972–1976

Suppl. Tab. 1. (continued).

Site	Labor No.	Obj.	SNR	Culture	Labor Nr. C-14	C-14 age (BP)	Cal 1 sigma	Cal 2 sigma	References of radiocarbon dates
Véla Spilja/Island Korčula	STANKO			Mesolithic	VERA 2340	Layer 7/4: 7200±30 BP	6075–6020	6205–6000	KOMSO 2006
Alsónyék-Bátaszék, Mérmőkési telep	BAM01	0688.		Starčevo	MAMS-11926	6649±29	5630–5550	5640–5520	OROSS et al. 2016a
	BAM02	0721.		Starčevo	MAMS-11927	6852±31	5770–5670	5810–5660	OROSS et al. 2016a
	BAM04	0745.		Starčevo	MAMS-11928	6677±27	5640–5560	5650–5540	OROSS et al. 2016a
	BAM05	0746.		Starčevo	MAMS-11929	6571±34	5550–5480	5620–5470	OROSS et al. 2016a
	BAM06	0775.		Starčevo	MAMS-11930	6672±35	5640–5560	5650–5520	OROSS et al. 2016a
	BAM08	0797.		Starčevo	MAMS-11931	6657±30	5630–5560	5640–5530	OROSS et al. 2016a
	BAM11	1372.		Starčevo	MAMS-11932	6661±25	5630–5560	5640–5540	OROSS et al. 2016a
	BAM13	1435.		Starčevo	MAMS-11933	6704±34	5660–5570	5710–5550	OROSS et al. 2016a
	BAM14	1436./ female skeleton		Starčevo	MAMS-11934	6800±35	5720–5660	5740–5630	OROSS et al. 2016a
	BAM17	1483.		Starčevo	MAMS-11935	6857±31	5780–5700	5840–5660	OROSS et al. 2016a
	BAM21	1525.		Starčevo	MAMS-11936	6698±34	5650–5560	5680–5540	OROSS et al. 2016a
	BAM22	1527.		Starčevo	MAMS-11937	6709±34	5670–5570	5710–5550	OROSS et al. 2016a
	BAM23	1528.		Starčevo	MAMS-11938	6617±38	5620–5520	5630–5490	OROSS et al. 2016a
	BAM25	1532.		Starčevo	MAMS-11939	6695±40	5650–5560	5710–5530	OROSS et al. 2016a
BAM26	1533.		Starčevo	MAMS-11940	6853±38	5780–5670	5840–5660	OROSS et al. 2016a	
BAM27	1535.		Lengyel		5790±33	4710–4600	4720–4540	OROSS et al. 2016a	
Lányosók-Csata-álja	M6-116.2	190.		Bronze Age	MAMS-14127	4145±23	2870–2660	2880–2630	SZÉCSÉNYI-NAGY et al. 2015
	M6-116.3	312.		Bronze Age	MAMS-14128	4077±23	2840–2570	2850–2490	SZÉCSÉNYI-NAGY et al. 2015
	M6-116.8	281.		Bronze Age	MAMS-14129	4120±22	2860–2620	2870–2580	SZÉCSÉNYI-NAGY et al. 2015
	M6-116.9	360.		Starčevo	MAMS-14130	6712±25	5660–5610	5680–5560	SZÉCSÉNYI-NAGY et al. 2015
	M6-116.10	369.		Bronze Age	MAMS-14131	4113±23	2860–2620	2870–2570	SZÉCSÉNYI-NAGY et al. 2015
	M6-116.12	221.		Balaton-Lasinja	MAMS-14132	5300±23	4230–4050	4240–4040	SZÉCSÉNYI-NAGY et al. 2015
Balaton-szárszó-Kis-erdei-dűlő	BSZ 3	278		LBK	MAMS-14139	6105±25	5060–4980	5210–4940	SZÉCSÉNYI-NAGY et al. 2015
Budakeszi 4/8 Szőlőskert-Tangazdaság	BUD 2	199. (181.)		LBK	MAMS-14140	6171±25	5210–5060	5220–5040	SZÉCSÉNYI-NAGY et al. 2015
	BUD 3	201. (181.)		LBK	MAMS-14141	6170±25	5210–5060	5220–5040	SZÉCSÉNYI-NAGY et al. 2015
	BUD 13	503.		LBK	MAMS-14142	6066±28	5020–4930	5060–4850	SZÉCSÉNYI-NAGY et al. 2015
	BUD 14	629. (509.)		LBK	MAMS-14143	6152±26	5210–5040	5220–5010	SZÉCSÉNYI-NAGY et al. 2015
M85 Enese elkerülő 02. Kőny. Proletár-dűlő II	KON 2	223.	233	Balaton-Lasinja	Beta - 310033	5380±30	4330–4170	4340–4070	SZÉCSÉNYI-NAGY et al. 2015
	KON 5	612.	647,002	LBK	Beta - 310035	6040±40	5000–4850	5050–4830	SZÉCSÉNYI-NAGY et al. 2015
	KON 6	748.	785	Bronze Age	Beta - 310036	3530±30	1920–1770	1950–1760	SZÉCSÉNYI-NAGY et al. 2015
Tolna-Mézs	TOLM3	2392.	2559.	LBK	MAMS-14144	6143±24	5210–5020	5210–5000	SZÉCSÉNYI-NAGY et al. 2015
	TOLM4	1649.	1748.	LBK	MAMS-14145	6233±23	5300–5200	5310–5070	SZÉCSÉNYI-NAGY et al. 2015
Nitra-Príemyslova ulica	NITR2	2/64		LBK	OxA-24095	6298±33	5310–5230	5330–5210	BICKLE&WHITTLE 2013
	NITR14	32/65		LBK	OxA24578	6138±34	5210–5000	5220–4980	BICKLE&WHITTLE 2013
Versend-Gilencsa	VEG11	415.		Vinča	MAMS-14830	6321±28	5330–5220	5360–5220	JAKUCS et al. 2018
	VEG112	1163.		Vinča	MAMS-14831	6202±31	5220–5070	5290–5050	JAKUCS et al. 2018
	VEG114	1394.		Vinča	MAMS-14832	6226±30	5300–5080	5310–5060	JAKUCS et al. 2018
	VEG122	2030.		Vinča	MAMS-14833	6186±29	5220–5070	5230–5040	JAKUCS et al. 2018

Suppl. Tab. 2. Radiocarbon dates of the samples analysed in this study. OxCal software and IntCal 13 was used for all calibrations. Calibrated dates are rounded by 10. References given in this table are listed in the References chapter of the main text.

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Labor No.	Obj.	SNR	Culture	Labor Nr. C-14	C-14 age (BP)	Cal 1 sigma	Cal 2 sigma	References of radiocarbon dates
Szederkény-Kukorica-dűlő	SEKU1	119.		Vinča	MAMS-14808	6079±33	5040–4940	5210–4850	JAKUCS et al. 2016
	SEKU6	2398.		Vinča	MAMS-14809	6267±33	5300–5220	5330–5080	JAKUCS et al. 2016
	SEKU7	3413.		Vinča	MAMS-14810	6224±29	5300–5070	5300–5060	JAKUCS et al. 2016
	SEKU8	2436.		Vinča	MAMS-14811	6362±33	5380–5300	5470–5230	JAKUCS et al. 2016
	SEKU11	2842.		Vinča	MAMS-14812	6220±29	5290–5070	5300–5060	JAKUCS et al. 2016
Szemely-Irtás	SZEH2	627		Sopot	Beta - 310034	6020±40	4960–4840	5020–4790	this study
	SZEH3	883		Sopot	Beta - 310037	5990±40	4940–4800	5000–4780	this study
	SZEH 4	1001		LBK	Beta - 310038	6110±30	5200–4980	5210–4940	SZÉCSÉNYI-NAGY et al. 2015
	SZEH5	1003		Sopot	Beta - 310039	5920±40	4840–4720	4910–4700	this study
	SZEH7	1085		Sopot	Beta - 310040	5930±40	4850–4720	4930–4710	this study
	SZEH 9	1139		LBK	Beta - 310041	6140±30	5210–5000	5210–5000	this study
Alsónyék-elkertűlő 2. lh.	ALE1	210.		Sopot	MAMS-14813	6008±32	4940–4840	5000–4800	OROSS et al. 2016b
	ALE4	220A		Sopot	MAMS-14814	6032±32	4990–4850	5020–4830	Oross et al. 2016b
	ALE11	396.		Sopot	MAMS-14815	5989±32	4940–4830	4970–4790	Oross et al. 2016b
	ALE13	449.		Bronze Age	MAMS-14816	3682±28	2140–2020	2200–1970	Oross et al. 2016b
	ALE14	463.		Sopot	MAMS-14817	6049±29	5000–4910	5030–4840	Oross et al. 2016b
	ALE17	471.		Sopot	MAMS-14818	5937±32	4850–4740	4910–4720	Oross et al. 2016b
Veszprém-Jurasi út	VEJ2	98.	2.	Lengyel	MAMS-14826	5610±33	4490–4370	4510–4350	this study
	VEJ4	71.	4.	Lengyel	MAMS-14827	5861±26	4780–4700	4800–4680	this study
	VEJ9	280.	9.	Balaton-Lasinja	MAMS-14828	5418±29	4330–4260	4340–4230	this study
	VEJ10	555.	13.	Balaton-Lasinja	MAMS-14829	5213±31	4050–3970	4220–3960	this study
Berettyóújfalu, Nagy-Bócs-dűlő	BENA02	369/27		ALBK-Esztár	CEZA-14136	6478±24	5490–5380	5490–5370	this study
	BENA03	380/27		ALBK-Esztár	CEZA-14137	6542±29	5520–5470	5560–5470	this study
Dezsk, olajkút	DES05	5.		ALBK_ALBK-Szakálhát	OxA-9376	6225±55BP	5290–5080	6010–5790	WHITTLE et al. 2002
	DES06	6.		Körös	OxA9396	7030±50 BP	5990–5880	5310–5040	WHITTLE et al. 2002
Maroslele-Pana	MAP01	1.	3861.	Körös	OxA-9399	6965±50	5910–5770	5990–5730	WHITTLE et al. 2002
	MAP03	3.	3863.	Körös	OxA-9400	6740±50	5710–5620	5730–5560	WHITTLE et al. 2002
	MAP05	5.	3865.	Körös	OxA-9401	6780±50	5720–5640	5760–5570	WHITTLE et al. 2002
Tiszaszőlős, Domaháza-pusztá, Réti-dűlő	TIDO01	1.		Szakálhát	deb-10901	6040±60	5010–4840	5210–4780	DOMBORÓCZKI 2010
	TIDO02	2.		Szakálhát	deb-11804	6740±60	5720–5620	5740–5540	DOMBORÓCZKI 2010
	TIDO04	6.		Szakálhát	deb-11084	6060±80	5200–4840	5220–4780	DOMBORÓCZKI 2010
	TIDO05	7.		classical ALBK	VERA-4243	6245±30	5300–5210	5310–5070	DOMBORÓCZKI 2010
Fűzesabony-Gubakút	FUGU01	1.		early ALBK/Szatmár (II)	VERA-4237	6295±40	5320–5220	5370–5210	DOMBORÓCZKI 2009
	FUGU02	2.		early ALBK/Szatmár (II)	deb-11092	6250±90	5320–5060	5470–4990	DOMBORÓCZKI 2009
	FUGU03	3.		early ALBK/Szatmár (II)	VERA-4238	6285±35	5310–5220	5340–5200	DOMBORÓCZKI 2009
	FUGU04	4.		early ALBK/Szatmár (II)	VERA-4236	6325±35	5360–5220	5380–5210	DOMBORÓCZKI 2009
	FUGU05	5.		early ALBK/Szatmár (II)	VERA-4239	6320±40	5340–5220	5460–5210	DOMBORÓCZKI 2009
	FUGU06	6.		early ALBK/Szatmár (II)	VERA-4240	6295±35	5320–5220	5350–5210	DOMBORÓCZKI 2009
	FUGU07	7.		early ALBK/Szatmár (II)	VERA-4241	6255±40	5300–5210	5320–5070	DOMBORÓCZKI 2009
	FUGU09	9.		early ALBK/Szatmár (II)	deb-13042	6489±40	5490–5370	5530–5360	DOMBORÓCZKI 2009
	FUGU10	10.		early ALBK/Szatmár (II)	VERA-4242	6295±40	5320–5220	5370–5210	DOMBORÓCZKI 2009

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Abony 60. lh.	Tiszapolgár	ABO 01	008./1				23.09.2003.		no data	no data	no data	-
	Tiszapolgár	ABO 02	008./2				23.09.2003.		no data	no data	no data	-
	ALBK_ALBK-Szakállhár	ABO 03	046.				20.10.2003.		undefinable	30-45	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 04	047.				20.10.2003.		undefinable	30-50	ad.-mat.	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 05	048.				29.10.2003.		female	25-30	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 06	055.				28.10.2003.		indiff.	ca. 14	juvenis	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 07	065.				29.10.2003.		male?	35-40	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 08	075.				16.04.2004.		indiff.	5-6	infans I	KÖHLER / Dolgos unpublished
	Neolithic?	ABO 09	077.				-		male	35-45	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 10	081.				29.04.2004.		female	20-30	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 11	095.				22.04.2004.		female	40-50	maturus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 12	097.				26.04.2004.		female?	45-55	maturus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 13	111.				30.04.2004.		female?	35-45	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 14	116.				-		indiff.	12-14	infans II	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 15	121.				13.05.2004.		indiff.	ca. 6	infans I	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 16	122.				13.05.2010.		indiff.	25-45	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 17	135.				28.05.2004.		undefinable	16-18	juvenis	KÖHLER / Dolgos unpublished
	Neolithic?	ABO 18	148.				-		male	35-55	ad.-mat.	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	ABO 19	149.				-		undefinable	40-59	maturus	KÖHLER / Dolgos unpublished
Neolithic?	ABO 20	162.				02.07.2004.		indiff.	6-8	infans I-II	KÖHLER / Dolgos unpublished	
Neolithic?	ABO 21	165.				29.04.2006.		indiff.	5-6	infans I	KÖHLER / Dolgos unpublished	
Adács-Mancsos-rét	ALBK_ALBK-Szakállhár	ADMA 01		58.					female	no data	ad.-mat.	ZOFFMANN unpublished
	ALBK_ALBK-Szakállhár	ADMA 02		71.					male	no data	ad.-mat.	ZOFFMANN unpublished
	ALBK_ALBK-Szakállhár	ADMA 03		89.					indiff.	no data	infans I-II	ZOFFMANN unpublished
	ALBK_ALBK-Szakállhár	ADMA 04		101.					female	no data	ad.-mat.	ZOFFMANN unpublished
Alsónyék elkerülő 2. lh.	Sopot	ALE 01		210.			11.10.2008.		male	35-45	adultus	KÖHLER unpublished
	Sopot	ALE 02		214.B			15.10.2008.		female	25-30	adultus	KÖHLER unpublished
	Sopot	ALE 04		220.A			11.10.2008.		male	35-45	adultus	KÖHLER unpublished
	Sopot	ALE 03		220.B			11.10.2008.		female	16-18	juvenis	KÖHLER unpublished
	Sopot	ALE 05		240.			22.11.2008.		male	25-35	adultus	KÖHLER unpublished
	Sopot	ALE 06		272.			11.10.2008.		no data	no data	no data	KÖHLER unpublished
	Sopot	ALE 07		282.			07.10.2008.		indiff.	13-14	infans II	KÖHLER unpublished
	Sopot	ALE 08		283.			10.10.2008.		female	30-40	adultus	KÖHLER unpublished
	Sopot	ALE 09		372.			28.10.2008.		female	18-20	juvenis	KÖHLER unpublished
	Sopot	ALE 10		373.			28.10.2008.		female	25-35	adultus	KÖHLER unpublished
	Sopot	ALE 11		396.			05.11.2008.		indiff.	ca. 7	infans I-II	KÖHLER unpublished
	Sopot	ALE 12		432.			06.11.2008.		female	25-35	adultus	KÖHLER unpublished
	Sopot or Lengyel	ALE 13		449.			18.11.2008.		female	21-24	juvenis	KÖHLER unpublished
	Sopot	ALE 14		463.					osteology; indiff., genetically male	ca. 6	infans I-II	KÖHLER unpublished; Lirison et al. 2017
Apc-Berekalja	Sopot	ALE 15		464.			10.11.2008.		male	40-45	adultus	KÖHLER unpublished
	Sopot	ALE 16		470.			11.11.2008.		male	35-45	adultus	KÖHLER unpublished
	Sopot	ALE 17		471.			10.11.2008.		indiff.	ca. 13	infans II	KÖHLER unpublished
	Sopot	ALE 18		475.			25.11.2008.		indiff.	14-15	inf. II- juv.	KÖHLER unpublished
	Sopot	ALE 19		476.			12.11.2008.		indiff.	18-20	juvenis	KÖHLER unpublished
	Late Neolithic/Lengyel LBKT?	APBE 01	2.						indiff.	juvenis	infans I-II	GAMBA et al. 2014; ZOFFMANN unpublished
	APBE 02	3.	157.					female	no data	ad.-mat.	ZOFFMANN unpublished	

Suppl. Tab. 3: Anthropological summary of the samples analysed in this study. References given in this table are listed in the References chapter of the main text.

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
	LBKT	APBE 03	6.	213.					indiff.	juvenis	infans I-II	GAMBA et al. 2014; ZOFFMANN unpublished
	Late Neolithic/Lengyel	APBE 04	11.	714.					indiff.	no data	juvenis	ZOFFMANN unpublished
	LBKT	APBE 05	12.	1000.					male	no data	ad.-mat.	ZOFFMANN unpublished
	Early Bronze Age	APBE 06	13.	929.					male	no data	ad.-mat.	ZOFFMANN unpublished
	?	APBE 07	14.	1230.					female	no data	ad.-mat.	ZOFFMANN unpublished
	Badener culture	APBE 08	15.	1231.					female	adult	ad.-mat.	GAMBA et al. 2014; ZOFFMANN unpublished
Balatonszécső-Kis-endi dűlő	LBKT (late)	BSZ 01		S-36					male	31–40	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 02		159					indiff.	1.5–2.5	infans I	ZOFFMANN 2012
	LBKT (late)	BSZ 03		278					indiff.	12–14	infans II	ZOFFMANN 2012
	LBKT (late)	BSZ 04		289					indiff.	9–10	infans II	ZOFFMANN 2012
	LBKT (late)	BSZ 05		510					male	23–39	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 06		531					male	23–39	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 07		554					female	23–39	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 08		770					male	45–49	maturus	ZOFFMANN 2012
	LBKT (late)	BSZ 09		771					male	23–27	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 10		773					female	ad.-mat.	ad.-mat.	ZOFFMANN 2012
	LBKT (late)	BSZ 11		774					female	37–46	ad.-mat.	ZOFFMANN 2012
	LBKT (late)	BSZ 12		775					indiff.	14–16	juvenis	ZOFFMANN 2012
	LBKT (late)	BSZ 13		777					female	23–39	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 14		778					female	40–59	maturus	ZOFFMANN 2012
	LBKT (late)	BSZ 15		780					male	34–40	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 16		781					male	ad.-mat.	ad.-mat.	ZOFFMANN 2012
	LBKT (late)	BSZ 17		783					female	56–62	maturus	ZOFFMANN 2012
	LBKT (late)	BSZ 18		785					male	40–59	maturus	ZOFFMANN 2012
	LBKT (late)	BSZ 19		288					indiff.	5–6	infans I	ZOFFMANN 2012
	LBKT (late)	BSZ 20		779					indiff.	3–5	infans I	ZOFFMANN 2012
	LBKT (late)	BSZ 21		782					female	40–46	maturus	ZOFFMANN 2012
	LBKT (late)	BSZ 22		791					female	31–40	adultus	ZOFFMANN 2012
	LBKT (late)	BSZ 23		792					male	40–59	maturus	ZOFFMANN 2012
	LBKT (early)	BSZ 24		793					male	23–39	adultus	ZOFFMANN 2012
	LBKT (early)	BSZ 25		796					female	15–16	juvenis	ZOFFMANN 2012
	LBKT (early)	BSZ 26		797					indiff.	12–13	infans II	ZOFFMANN 2012
Balatonszemes Bagódomb	LBKT	BAB 01		57/69					indiff.	9–10	infans II	ZOFFMANN 2011
	LBKT	BAB 02		74/89					female	30–60	ad.-mat.	ZOFFMANN 2011
	LBKT	BAB 03		314/305					female	40–46	maturus	ZOFFMANN 2011
	LBKT	BAB 04		324/504					indiff.	9–10	infans II	ZOFFMANN 2011
Bátaszék-Lajvér	LBKT	BAB 06		420/623					indiff.	12–13	infans II	ZOFFMANN 2011
	Lengyel II	BAL 01	26.						female	20–25	juv.-ad.	KÖHLER unpublished
	Lengyel II	BAL 02	27.						female?	35–45	ad.-mat.	KÖHLER unpublished
	Lengyel II	BAL 03	35.						male	40–59	maturus	KÖHLER unpublished
	Lengyel II	BAL 04	36.						female?	18–20	juvenis	KÖHLER unpublished
	Lengyel II	BAL 05	38.						male	30–40	adultus	KÖHLER unpublished
	Lengyel II	BAL 06	39.						male?	35–45	adultus	KÖHLER unpublished
	Lengyel II	BAL 07	40.						male	25–30	adultus	KÖHLER unpublished
	Lengyel II	BAL 08	49.						indiff.	6–7	infans I	KÖHLER unpublished
Lengyel II	BAL 09	65.						male	40–59	maturus	KÖHLER unpublished	

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Lengyel II	BAL 10	66.							male	25–35	adultus	KÖHLER unpublished
Lengyel II	BAL 11	68.							indiff.	17–18	juvenis	KÖHLER unpublished
Lengyel II	BAL 12	69.							male	30–40	adultus	KÖHLER unpublished
Lengyel II	BAL 13	71.							male?	25–35	adultus	KÖHLER unpublished
Lengyel II	BAL 14	72.							female	30–40	adultus	KÖHLER unpublished
Lengyel II	BAL 15	76.							indiff.	35–45	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 16	89.							female	25–35	adultus	KÖHLER unpublished
Lengyel II	BAL 17	18	3161						female	25–30	adultus	KÖHLER unpublished
Lengyel II	BAL 18	34	3162						male?	25–35	adultus	KÖHLER unpublished
Lengyel II	BAL 19	41	3172						male?	40–59	maturus	KÖHLER unpublished
?	BAL 20	45	3175						indiff.	6–8	infans I	KÖHLER unpublished
Lengyel II	BAL 21	50	3164						female?	35–45	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 22	51	3170						female	30–40	adultus	KÖHLER unpublished
?	BAL 23	52	3163						indiff.	30–50	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 24	70	4279						female	35–45	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 25	93	4347						male	45–55	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 26	94	4346						indiff.	30–60	ad.-mat.	KÖHLER unpublished
Lengyel II	BAL 27	97	4828						female	30–50	ad.-mat.	KÖHLER unpublished
Bátaszék-Ménólségi telep												
Sarčevo	BAM01		0688.				12.08.2008.		female	23–27	adultus	KÖHLER 2015
Sarčevo	BAM02		0721.				12.08.2008.		female	30–40	adultus	KÖHLER 2015
Sarčevo	BAM03		0727.				22.08.2008.		male	24–26	adultus	KÖHLER 2015
Sarčevo	BAM04		0745.				15.08.2008.		osteology indiff., genetically male	35–45	adultus	KÖHLER 2015; LIPSON et al. 2017
Sarčevo	BAM05		0746.				15.08.2008.		indiff.	9–11	infans	KÖHLER 2015
Sarčevo	BAM06		0775.				26.08.2008.		indiff.	8–10	infans	KÖHLER 2015
Sarčevo	BAM07		0792.				20.01.2008.		indiff.	6–8	infans	KÖHLER 2015
Sarčevo	BAM08		0797.				09.09.2008.		female	35–45	ad.-mat.	KÖHLER 2015
Sarčevo	BAM09		1061.				10.10.2008.		male	40–50	maturus	KÖHLER 2015
Sarčevo	BAM10		1362.				21.10.2008.		female	30–40	adultus	KÖHLER 2015
Sarčevo	BAM11		1372.				29.10.2008.		male	35–45	ad.-mat.	KÖHLER 2015
Sarčevo	BAM12		1398.				05.11.2008.		indiff.	ca. 1	infans	KÖHLER 2015
Sarčevo	BAM13		1435.				?		indiff.	8–9	infans	KÖHLER 2015
Sarčevo	BAM14		1436.				31.10.2008.		DNA sample: female	25–35	no data	KÖHLER 2015
Sarčevo	BAM15		1449.				11.11.2008.		female?	17–18	juvenis	KÖHLER 2015
Sarčevo	BAM16		1461.				20.11.2008.		male	45–55	maturus	KÖHLER 2015
Sarčevo	BAM17		1483.				03.11.2008.		osteology indiff., genetically male	7–8	infans	KÖHLER 2015; LIPSON et al. 2017
Sarčevo	BAM18		1495.				03.11.2008.		female	23–30	adultus	KÖHLER 2015
Sarčevo	BAM19		1513.				10.11.2008.		indiff.	10–12	infans	KÖHLER 2015
Sarčevo	BAM20		1516.				10.11.2008.		female	23–27	adultus	KÖHLER 2015
Sarčevo	BAM21		1525.				?		male	25–30	adultus	KÖHLER 2015
Sarčevo	BAM22		1527.				15.11.2008.		female	40–50	maturus	KÖHLER 2015
Sarčevo	BAM23		1528.				15.11.2008.		female	45–55	maturus	KÖHLER 2015
Sarčevo	BAM24		1531.				21.11.2008.		female	40–50	maturus	KÖHLER 2015
Sarčevo	BAM25		1532.				?		osteology indiff., genetically male	20–30	adultus	KÖHLER 2015; LIPSON et al. 2017

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Békés-Povárdzug	Sarčevo	BAM26		1533.			19.11.2008.		male	35–45	ad.-mat.	KÖHLER 2015
	Lengyel	BAM27		1535.					female	30–45	ad.-mat.	KÖHLER 2015
		BAM28		1436.			31.10.2008.		C/N sample: male?	30–50	ad.-mat.	KÖHLER 2015
	Tisza	BÉP01	1.		2249.				male	maturus	maturus	MASSON 2014
	Tisza	BÉP02	42.		2290.				male	maturus	maturus	MASSON 2014
	Tisza	BÉP03	43.		2291.				female	18–19	juvenis	MASSON 2014
	Tisza	BÉP04	44.		2292.				male	maturus	maturus	MASSON 2014
	Tisza	BÉP05	46.		2294.				male	20–25	juv.-ad.	MASSON 2014
	Tisza	BÉP06	47.		2295.				undefinable	undefinable	undefinable	FARKAS 1976
	Tisza	BÉP07	68.		2316.				female	senilis	senilis	FARKAS 1976
Berettyóújfalú-Nagy-Böcs dűlő	Körös; ALBK-Eszár?	BENA01		27		368			no data	undefinable	undefinable	FARKAS 1976
	ALBK-Eszár	BENA02		27		369			male	44–53	maturus	DANI et al. 2005
	Körös	BENA03		27		380			indiff.	6–7	infans I	DANI et al. 2005
	ALBK-Eszár	BENA05		176		420			male	23–39	adultus	ZOFFMANN 2007
	ALBK-Eszár	BENA06		173		427			female	14–15	juvenis	ZOFFMANN 2007
	ALBK-Eszár	BENA07		179		476			indiff.	12–14	infans II	ZOFFMANN 2007
	ALBK-Eszár	BENA08		179		540			female	32–38	adultus	ZOFFMANN 2007
	Körös	BENA09		940		2142			female	maturus	maturus	ZOFFMANN unpublished
	Körös	BENA10		941		2146			female	maturus	maturus	ZOFFMANN unpublished
	Körös	BENA11		998		2304			female	15–16	juvenis	ZOFFMANN unpublished
Bicske Galagonyás	Körös	BENA12		454		1609			female	40–48	maturus	ZOFFMANN unpublished
	Körös	BENA15		629		2311			no data	ad.-mat.	ad.-mat.	ZOFFMANN unpublished
	Körös	BENA14		829					no data	no data	no data	-
	Sopot	BICS 1		1.			01.06.1970		male	41–45	maturus	ZOFFMANN 1978
	Sopot	BICS 2		2.			02.06.1970		male	44–50	maturus	ZOFFMANN 1978
	Sopot	BICS 3		3.			04.06.1970		male	42–48	maturus	ZOFFMANN 1978
	Sopot	BICS 5		1959/1			08.06.1970		male	11–12	infans II	ZOFFMANN 1978
	Lengyel I-II (?)	BORK1		3.			05.11.2010		female	adultus?	ad.-mat.	-
	LBKT - Zseliz	BÖVÖ 1		41	55				genetically female	no data	no data	ZOFFMANN unpublished
	LBKT - Zseliz	BÖVÖ 2		62	82				no data	no data	no data	ZOFFMANN unpublished
Borjád Kenderföldek M3-TO 14. lh.	LBKT - Zseliz	BÖVÖ 3		63	83				no data	no data	no data	ZOFFMANN unpublished
	LBKT - Zseliz	BÖVÖ 4		116	116				no data	no data	no data	ZOFFMANN unpublished
	LBKT - Zseliz	BÖVÖ 5		117	162				no data	no data	no data	ZOFFMANN unpublished
	Budaeszi 8. lh. Szőlőskert-Tangazdaság	BUD 1		87.			07.04.2006		female	24–27	adultus	KÖHLER 2014
	LBKT	BUD 2		199. (181.)			24.08.2006		female	25–30	adultus	KÖHLER 2014
	LBKT	BUD 3		201. (181.)			28.08.2006		male	23–25	adultus	KÖHLER 2014
	LBKT	BUD 4		290.			12.09.2006		male	25–25	adultus	KÖHLER 2014
	LBKT	BUD 5		297.			20.09.2006		female	50–65	maturus	KÖHLER 2014
	LBKT	BUD 6		378.					male?	23–26	adultus	KÖHLER 2014
	LBKT	BUD 7		388.					indiff.	16–17	juvenis	KÖHLER 2014
Budakeszi 8. lh. Szőlőskert-Tangazdaság	LBKT	BUD 8		389.1					no data	no data	no data	KÖHLER 2014
	LBKT	BUD 9		389.2					osteology male, genetically female	17–19	juvenis	KÖHLER 2014; LIPSON et al. 2017
	LBKT	BUD 10		348					indiff.	ca. 9	infans II	KÖHLER 2014
	LBKT	BUD 13		503.					male	30–40	adultus	KÖHLER 2014

Suppl. Tab. 3. (continued)

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Cegléd 4/1	LBKT	BUD 11		557.					female?	30–50	maturus	KÖHLER 2014
	LBKT	BUD 14		629. (509.)					female	22–24	adultus	KÖHLER 2014
	LBKT	BUD 12		631. (611.)					indiff.	12–14	infans II	KÖHLER 2014
	LBKT	BUD 15		632. (611.)					indiff.	ca. 10	infans II	KÖHLER 2014
	ALBK_ALBK-Szakállhár	CEG01		215.			16.07.2003.		indiff.	7–9	infans II	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG02		439.			29.08.2003.		indiff.	ca. 6	infans I	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG03		451.					male?	30–40	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG04		540.			22.04.2004.		male	30–50	ad.-mat.	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG05		544.			26.04.2004.		female	35–45	ad.-mat.	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG06		545.			23.04.2004.		female	25–35	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG07		546.			28.04.2004.		male	40–50	maturus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG08		560.			23.04.2004.		genetically female	ca. 8	infans II	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG09		610.			12.05.2004.		undefinable	35–45	ad.-mat.	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG10		662.					female	30–35	adultus	KÖHLER / Dolgos unpublished
	ALBK_ALBK-Szakállhár	CEG11		680.					male	25–35	adultus	KÖHLER / Dolgos unpublished
ALBK_ALBK-Szakállhár	CEG12		685.					indiff.	30–40	adultus	KÖHLER / Dolgos unpublished	
ALBK_ALBK-Szakállhár	CEG13		686.					indiff.	8–10	infans II	KÖHLER / Dolgos unpublished	
ALBK_ALBK-Szakállhár	CEG14		726.			09.07.2004.		indiff.	7–8	infans I	KÖHLER / Dolgos unpublished	
ALBK_ALBK-Szakállhár	CEG15		728.			09.07.2004.		indiff.	16–17	juvenis	KÖHLER / Dolgos unpublished	
Cegléd Ipari park	ALBK_ALBK-Szakállhár	CGIP 1	1	-					female	23–?	ad.-mat.	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 2	4	125.					female	35–45	ad.-mat.	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 3	5	130					female	40–?	maturus	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 4	6	129					male	40–59	maturus	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 5	7	147.					female	23–59	ad.-mat.	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 6	8	-					indiff.	10–11	infans II	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 7	9	146.					indiff.	1,5–2	infans I	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 8	10	-					female	23–?	ad.-mat.	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 9	-	228.					no data	no data	no data	KÖHLER unpublished
	ALBK_ALBK-Szakállhár	CGIP 10	3	-					indiff.	23–?	ad.-mat.	KÖHLER unpublished
Csabdi Térföldes	Lengyel	CSAT1	1.					IV.	male	25–35	adultus	KÖHLER 2004
	Lengyel	CSAT2	2.				78.X.9	IV.	female	40–50	maturus	KÖHLER 2004
	Lengyel	CSAT3	4.				78.IV.11	IV.	male	14–16	juvenis	KÖHLER 2004
	Lengyel	CSAT4	5.				IV.	78.IV.2	indiff.	3–4	infans I	KÖHLER 2004
	Lengyel	CSAT5	7.				78.IV.20	IV.	male	42–48	maturus	KÖHLER 2004
	Lengyel	CSAT6	9.				1978.X.22	III/III/II	female	23–39	adultus	KÖHLER 2004
	Lengyel	CSAT7	10.				-	VI.	female	23–39	adultus	KÖHLER 2004
	Lengyel	CSAT8	11.				78.X.22	VI.	female	20–26	juv.-ad.	KÖHLER 2004
	Lengyel	CSAT9	12.	D			78.IV.22	III/III/II	female	46–52	maturus	KÖHLER 2004
	Lengyel	CSAT10	13.1				VII.	78.VII.8	indiff.	3–4	infans I	KÖHLER 2004
	Lengyel	CSAT11	13.2				VII.	78.VII.8	indiff.	14	infans II	KÖHLER 2004
	Lengyel	CSAT12	14.1				78.VII.12	3.	indiff.	7–9	infans II	KÖHLER 2004
	Lengyel	CSAT13	14.2	H			78.IV.22	3.	indiff.	11	infans II	KÖHLER 2004
	Lengyel	CSAT14	15.	1.			VIII.	78.VII.12	female	23–39	adultus	KÖHLER 2004
	Lengyel	CSAT15	15.	2.			VIII.	78.VII.12	female	42–48	maturus	KÖHLER 2004
	Lengyel	CSAT16	15.	3.			VIII.	78.VII.12	female	17–21	juvenis	KÖHLER 2004
	Lengyel	CSAT17	16.				XI.		female	44–53	maturus	KÖHLER 2004

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	Sex	ANTHROPOLOGY			Publication
										Age	Age group	Age	
	Lengyel	CSAT18	17.				79.VII.18	11.	male	25–35	adultus	KÖHLER 2004	
	Lengyel	CSAT19	18.				18.7.79.	XI.	male	30–36	adultus	KÖHLER 2004	
	Lengyel	CSAT20	19.				II.	79.VII.20	female	48–57	maturus	KÖHLER 2004	
	Lengyel	CSAT21	20.				XI.	79.II.23	indiff.	9–10	infans II	KÖHLER 2004	
	Lengyel	CSAT22	21.						indiff.	8–10	infans II	KÖHLER 2004	
	Lengyel	CSAT32	22.				XIII.		indiff.	7–14	infans II	KÖHLER 2004	
	Lengyel	CSAT23	23.				26/28.	80.VIII.5	female	23–?	ad.-mat.	KÖHLER 2004	
	Lengyel	CSAT24	24.				80.VI.8	26/28.	male	25–35	adultus	KÖHLER 2004	
	Lengyel	CSAT25	25.						male	40–60	maturus	KÖHLER 2004	
	Lengyel	CSAT26	26.						female	25–35	adultus	KÖHLER 2004	
	Lengyel	CSAT27	27.				1985.VIII.12	47.	female	46–52	maturus	KÖHLER 2004	
	Lengyel	CSAT28	28.				XLVII.	1985.VIII.16	indiff.	1.5–2	infans I	KÖHLER 2004	
	Lengyel	CSAT33	29.				XLVIII.	85.VIII.29	indiff.	4–5	infans I	KÖHLER 2004	
	Lengyel	CSAT29	30.					85.VIII.29	indiff.	12–13	infans II	KÖHLER 2004	
	Lengyel	CSAT30	31.				47.	85.IX.3	female	30–36	adultus	KÖHLER 2004	
	Lengyel	CSAT31	32.						indiff.	8–10	infans II	KÖHLER 2004	
	Lengyel	CSAN1	115						female	adultus?	ad.-mat.	KÖHLER 2004	
Csanylelek-Újhalastó	ALBK_ALBK-Szakálhár								female	no data	no data	HÉGEDŰS 1982; ZOFFMANN 2001	
Debrecen Tócspart	ALBK-Eszár	TOPE01		101		278			no data	no data	no data	-	
Erdőalja	ALBK-Eszár	TOPE02		221		576			no data	no data	no data	-	
	ALBK-Eszár	TOPE03		222		577			male?	23–?	ad.-mat.	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE04		223		578			male?	25–30	adultus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE05		312		757			female	23–?	ad.-mat.	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE06		353		828			male	40–50	maturus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE07		930		989			male?	30–35	adultus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE08		889		1515			male	50–59	maturus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE09		921		1557			male	50–59	maturus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE10		994		1625			female?	40–49	maturus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE11		1412		1761			male	40–59	maturus	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE12		1420		1769			female	23–?	ad.-mat.	MÁRCSIK unpublished	
	ALBK-Eszár	TOPE13		1421		1770			female	40–59	maturus	MÁRCSIK unpublished	
Dezsk-I. olajkút	ALBK_ALBK-Szakálhár	DES05	5.				5253.		female	30–50	ad.-mat.	LIPTÁKL 1975; MASSON 2014	
	Körös	DES06	6.				5254.		female	30–50	ad.-mat.	LIPTÁKL 1975; MASSON 2014	
Dezsk Ordos	Tisza	DEORI	1.						male	18–23	juvenis	MASSON 2014	
Ebes-Zsong-völgy	ALBK-Eszár	EBV001		1311		2676			female	23–39	adultus	ZOFFMANN unpublished	
	ALBK-Eszár	EBV002		1313		2678			female	25–34	adultus	ZOFFMANN unpublished	
	ALBK-Eszár	EBV003		1370		2891			male	48–57	maturus	ZOFFMANN unpublished	
	ALBK-Eszár	EBV004		1408		2985			female	48–57	maturus	ZOFFMANN unpublished	
	ALBK-Eszár	EBV005		1412		2989			male	43–60	maturus	ZOFFMANN unpublished	
	ALBK-Eszár	EBV006		1199		2421			indiff.	inf. II-juv.	inf. II-juv.	ZOFFMANN unpublished	
Ebes-Sajtyár	ALBK-Eszár	EBSA01	1.	41		62			no data	no data	no data	-	
	ALBK-Eszár	EBSA02		56		99			genetically female	no data	no data	-	
	ALBK-Eszár	EBSA03		75		147			no data	no data	no data	-	
	ALBK-Eszár	EBSA04		95		194			no data	no data	no data	-	
Fajsz	Sopot	FAGA1		165.					male	35–45	ad.-mat.	KÖHLER unpublished	
	Sopot	FAGA2		156.					female	25–30	adultus	KÖHLER unpublished	
	Sopot	FAGA3		65.					male	20–25	juv.-ad.	KÖHLER unpublished	

Suppl. Tab. 3. (continued)

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			
									Sex	Age	Age group	Publication
Felsőrs-Bárókert	Lengyel II	FEB1	38.	38.			1.		no data	no data	no data	KÖHLER unpublished
	Lengyel II	FEB2	38.	38.			2.		no data	no data	no data	KÖHLER unpublished
	Lengyel II	FEB3	100.	100.					genetically male	no data	no data	KÖHLER unpublished
	Lengyel II	FEB4	133.	133.					no data	no data	no data	KÖHLER unpublished
	Lengyel II	FEB5	42.	42.					no data	no data	no data	KÖHLER unpublished
Füzessabony-Gubakút	ALBK_ALBK 1.	FUGU01	1						female	?	undefinable	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU02	2	119					indiff.	adultus <20	juvenis	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU03	3						female	adultus <30	adultus	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU04	4	122					female	?	undefinable	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU05	5						male	adultus >20	juv.-ad.	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU06	6						indiff.	<7	infans I	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU07	7						indiff.	adultus >20	juv.-ad.	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU08	8						indiff.	ca.2	infans I	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU09	9						male	adultus >20	juv.-ad.	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU10	10						male	maturus >40	maturus	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU11	12						indiff.	7-8	infans I	ZOFFMANN unpublished
	ALBK_ALBK 1.	FUGU12	13						indiff.	2-3	infans I	ZOFFMANN unpublished
Gandna-Elkerütő 2.lh	ALBK_Tiszadob-Bükk	GAE101	20						female	30-60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE102	38						male	40-80	mat.-senil.	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE103	57						male	30-60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE104	62						indiff.	13-14	infans II	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE105	83						female	30-60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE106	86 + 52						male	23-40	adultus	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE107	109						male	23-40	adultus	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE108	119						indiff.	5	infans I	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE109	120						female	23-40	adultus	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE110	138						indiff.	3-4	infans I	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE111	168						male	23-40	adultus	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE112	187						indiff.	11-13	infans II	KÓVÁRI / SZATHMÁRY 2004
	ALBK_Tiszadob-Bükk	GAE113	191						no data	no data	no data	-
Hajdúnnas-Eszlari ut, M3-45	ALBK	HÁJE 1	50				93		male	27-33	adultus	ZOFFMANN unpublished
	ALBK	HÁJE 2	52				95		female	36-42	adultus	ZOFFMANN unpublished
	ALBK	HÁJE 3	57				102		indiff.	6-7	infans I	ZOFFMANN unpublished
	ALBK	HÁJE 4	58				103		indiff.	16-18	juvenis	ZOFFMANN unpublished
	ALBK	HÁJE 5	65				112		male	23-39	adultus	ZOFFMANN unpublished
	ALBK	HÁJE 6	74				128		female	48-57	maturus	ZOFFMANN unpublished
	ALBK	HÁJE 7	80				147		male	40-46	maturus	ZOFFMANN unpublished
	ALBK	HÁJE 8	106				195		male	48-57	maturus	ZOFFMANN unpublished
	ALBK	HÁJE 9	107				196		female	30-36	adultus	ZOFFMANN unpublished
	ALBK	HÁJE 10	108				197		male	40-49	maturus	ZOFFMANN unpublished
	ALBK	HÁJE 11	111				201		osteology indiff., genetically male	6-7	infans I	ZOFFMANN unpublished; LIPSONY et al. 2017
	ALBK	HÁJE 12	113				203		female	43-49	maturus	ZOFFMANN unpublished
	ALBK	HÁJE 13	117				207		indiff.	7-9	infans I	ZOFFMANN unpublished
	ALBK	HÁJE 14	118				208		indiff.	16-17	juvenis	ZOFFMANN unpublished
	ALBK	HÁJE 15	121				211		female	23-39	adultus	ZOFFMANN unpublished

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
	ALBK	H/AJE 16		124		214			indiff.	9–10	infans II	ZOFFMANN unpublished
	ALBK	H/AJE 17		127		218			male	ad.-mat.	ad.-mat.	ZOFFMANN unpublished
	ALBK	H/AJE 18		128		219			male	adultus	adultus	ZOFFMANN unpublished
	ALBK	H/AJE 19		129		220			female	38–44	ad.-mat.	ZOFFMANN unpublished
	ALBK	H/AJE 20		133		225			female	17–21	juvenis	ZOFFMANN unpublished
Harta-Gátórház	LBKŦ	HARG 1		115.			37791		indiff.	undefinable	undefinable	MOLNÁR / PÁLFI unpublished
	LBKŦ	HARG 2		132/176.					female	30–40	adultus	MOLNÁR / PÁLFI unpublished
	LBKŦ	HARG 3		137.					male	40–50	maturus	MOLNÁR / PÁLFI unpublished
	LBKŦ	HARG 4		161.			37804		indiff.	18–20	juvenis	MOLNÁR / PÁLFI unpublished
	LBKŦ	HARG 5		185.			37868		female	30–40	adultus	MOLNÁR / PÁLFI unpublished
	LBKŦ	HARG 6		154.			37778		female	20–30	adultus	MOLNÁR / PÁLFI unpublished
Hejőkürt-Lidl logszűkái központ	ALBK_Tiszadob?	HEL101	6		702				male	35–55	ad.-mat.	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL102	8		2317				male	18–20	juvenis	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL103	10		789				female	30–60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL104	35		1932				male??	35–45	ad.-mat.	KÖHLER personal comm.
	ALBK_Tiszadob?	HEL105	84		990				indiff.	10–11	infans II	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL106	133		784				male	23–40	adultus	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL107	134		723				female	23–40	adultus	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL108	138		742				female	30–60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Earliest_Tiszadob	HEL109	149		729				indiff.	12–14	infans II	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL110	150		757				indiff.	8	infans I-II	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL111	153		775				male	30–60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL112	155		2218				male	30–40	adultus	KÖHLER personal comm.
	ALBK_Tiszadob?	HEL113	163		2219				male	30–60	ad.-mat.	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL114	192		2317				indiff.	9–10	infans II	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL115	193		2320				indiff.	10–11	infans II	KÓVÁRI / SZATHMÁRY 2006
	ALBK_Tiszadob?	HEL116	132		710				male	30–60	ad.-mat.	KÓVÁRI unpublished
HMV Kékénydomb	Tisza	KÖKE1	1.				1985.09.08		female	juvenis	juvenis	FARKAS / SZALAI 1989/90
	Tisza	KÖKE2	3.				1985.09.11		male	18–19	juvenis	FARKAS / SZALAI 1989/90
HMV Kékénydomb Vörös tanya	Tisza	KÖKE3	1. (1940)				159.		male	adult	adultus	MASSON 2014
Hódmezővásárhely-Gorza	Tisza	HMG01	12						male	<25	juvenis	MASSON 2014
	Tisza	HMG02	18						male	adult	adultus	MASSON 2014
	Tisza	HMG03	19						undefinable	adult	adultus	MASSON 2014
	Tisza	HMG04	27						male	30–50	ad.-mat.	MASSON 2014
	Tisza	HMG05	29						female	30–50	ad.-mat.	MASSON 2014
	Tisza	HMG06	60						indiff.	12–15	infans II	MASSON 2014
	Tisza	HMG07	61						female?	>50	maturus	MASSON 2014
	Tisza	HMG08	68						female?	20–30	adultus	MASSON 2014
	Tisza	HMG09	5						female	21–23	juvenis	MASSON 2014
	Tisza	HMG10	10						female?	17–22	juvenis	MASSON 2014
Hódmezővásárhely Kocsapart	Körös	HÓKO1	3/8	112					female?	adultus	adultus	FARKAS 1975
Keszthely-Fenépuszta	Balaton-Lasinja	KEFP 1		45.			36526	1.	indiff. (male)	6–7	infans I	ZOFFMANN 2005
Pusztaszentegyházi dűlő	Balaton-Lasinja	KEFP 2		45.			36527	2.	osteology indiff., genetically female	1.5–2	infans I	ZOFFMANN 2005; LIPSON et al. 2017
	Balaton-Lasinja	KEFP 3		45.			36528	3.	female	17–22	juvenis	ZOFFMANN 2005

Suppl. Tab. 3. (continued)

Site	ANTHROPOLOGY											
	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	Sex	Age	Age group	Publication
Kompolc-Kigyóvár	Balaton-Lásinja	KEFP 4		45.			36529	4.	female	adultus	adultus	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 5		45.			36530	5.	indiff. (male)	6-8	infans I	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 6		45.			36531	6.	male	adultus	adultus	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 7		45.			36532	7.	indiff.	6-7	infans I	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 8		46.				Bone 1.	indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 9		46.				Bone 2.	indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 10		46.				Bone 3.	indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 11		46.				Bone 4.	indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 12		46.				Bone 5.	indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 13		46.			36533		indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	Balaton-Lásinja	KEFP 14		46.			36535		indiff.	inf. I-II	inf. I-II	ZOFFMANN 2005
	ALBK	KOKI01		5/2					male	no data	ad.-mat.	ZOFFMANN unpublished
	ALBK	KOKI02		17/7					male	no data	ad.-mat.	ZOFFMANN unpublished
	ALBK	KOKI03		24/8					female	no data	ad.-mat.	ZOFFMANN unpublished
ALBK	KOKI04		25/9					female	no data	ad.-mat.	ZOFFMANN unpublished	
Köny 85 Enese	ALBK	KOKI05		26/10					female	no data	ad.-mat.	ZOFFMANN unpublished
	LBKT	KON1		55.	56				female	22-24	juv.-ad.	Tóth unpublished
	Latest Lengyel / Balaton Lásinja	KON2		223.	233				female	44-48	maturus	Tóth unpublished
	lateLBKT, Zseliz	KON3		286.	300				female	22-23	juvenis	Tóth unpublished
	LBKT	KON4		612.	647001				indiff.	4-6	infans I	Tóth unpublished
	LBKT	KON5		612.	647002				indiff.	4-6	infans I	Tóth unpublished
	Bronze Age	KON6		748.	785				male	20-25	juv.-ad.	Tóth unpublished
	Lengyel III.	KON7		826.	872				indiff.	9-12	infans II	Tóth unpublished
	LBKT?	KON8			957				indiff.	1-2	infans I	Tóth unpublished
	Sarčevo	M6-116.1		163.					indiff.	14-15	juvenis	Köhler unpublished
Lánycsók Csata alja	Latest Baden / Vučedol culture	M6-116.2		190.					male?	30-39	adultus	Köhler unpublished
	Latest Baden / Vučedol culture	M6-116.3		312.					female??	17-19	juvenis	Köhler unpublished
	Sarčevo	M6-116.4		353.					female	40-45	maturus	Köhler unpublished
	Latest Baden / Vučedol culture	M6-116.7	330.	281.					indiff.	17-20	juvenis	Köhler unpublished
	Latest Baden / Vučedol culture	M6-116.8	330.	281.					indiff.	17-20	juvenis	Köhler unpublished
	Sarčevo	M6-116.9		360.					female?	17-19	juvenis	Köhler unpublished
	Latest Baden / Vučedol culture	M6-116.10		369.					male	23-26	adultus	Köhler unpublished
	Balaton Lásinja	M6-116.12		221.	383 (SNR)				female	17-19	juvenis	Köhler unpublished
	Sarčevo	LGCS1		1661.			2010.1.51.		male	35-44	ad.-mat.	Ősz unpublished
	Sarčevo	LGCS2		1662.			2010.1.52.		female?	60-?	semilis	Ősz unpublished
	Sarčevo	LGCS3		1784.			2010.1.127.		indiff.	4	infans I	Ősz unpublished
	Sarčevo	LGCS4		1810. (=I658)			2010.1.144.		male	23-39	adultus	Ősz unpublished
	Sarčevo	LGCS5		1850.			2010.1.149.		male?	23-?	ad.-mat.	Ősz unpublished
	Körös	MAP01		1.			3861.		indiff.	infans II	infans II	FARKAS 1975
Körös	MAP02		2.			3862.		undefinable	undefinable	undefinable	FARKAS 1975	
Körös	MAP03		3.			3863.		female	adultus	adultus	FARKAS 1975	
Körös	MAP05		5.			3865.		male	adultus	adultus	FARKAS 1975	
Mezőkeresztes-Cethalom	ALBK_ALBK 2-3	MECE01		1					male	25-30	adultus	MENDE unpublished
	ALBK_ALBK 2-3	MECE02		2					female	25-30	adultus	MENDE unpublished
	ALBK_ALBK 2-3	MECE03		4					indiff.	infans I-II	infans I-II	MENDE unpublished
	ALBK_ALBK 2-3	MECE04		6					male	45-50	maturus	MENDE unpublished

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
	ALBK_ALBK 2-3	MECE05	7						indif.	10–12	infans II	MENDE unpublished
	ALBK_ALBK 2-3	MECE06	8						indif.	4	infans I	MENDE unpublished
	ALBK_ALBK 2-3	MECE07	9						male	45–50	maturus	MENDE unpublished
	ALBK_ALBK 2-3	MECE08	11						male	45–?	maturus	MENDE unpublished
	ALBK_ALBK 2-3	MECE09	15						male	25–30	adultus	MENDE unpublished
	ALBK_ALBK 2-3	MECE10	18				2006.74.13		female	35–40	adultus	MENDE unpublished
	ALBK_ALBK 2-3	MECE11	18				2006.74.1		female?	4–5	infans I	MENDE unpublished
	ALBK_ALBK 2-3	MECE12	20						indif.	2	infans I	MENDE unpublished
	ALBK_ALBK 2-3?	MECE13	21						male?	23–?	ad.-mat.	MENDE unpublished
	ALBK_ALBK 2-3	MECE14	23						female	25–30	adultus	MENDE unpublished
	ALBK_ALBK 2-3	MECE15	25						indif.	7–9	infans I	MENDE unpublished
	ALBK_ALBK 1.	MEMO01	1	32					female	48–57	ad.-mat.	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO02	2	103,75a					osteology male, genetically female	35–55	ad.-mat.	ZOFFMANN 2014; LIPSON et al. 2017
	ALBK_ALBK 1.	MEMO03	3	106					indif.	ca. 0	infans I	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO04	6	170					female	adultus	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO05	6a				2006.69.6		indif.	14–16	juvenis	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO06	7	190					indif.	ca. 0	infans I	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO07	8	192					female	37–43	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO08	9	193					indif.	3–4	infans I	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO09	10	194					indif.	8–9	infans II	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO10	11	195					female	adultus	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO11	12	196					female	adultus	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO12	13	197					male	36–42	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO13	14	198					indif.	5–6	infans I	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO14	17	216					male	25–29	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO15	18	287					female	26–32	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO16	19	341					female?	maturus	maturus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO17	20	344					female	44–53	maturus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO18	21	352					male?	adultus	adultus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO19	22	353					male	maturus	maturus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO20	23	365					female?	48–57	maturus	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO21	23	365					indif.	7–8	infans II	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO22	24	383					indif.	4–5	infans I	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO23	24	383					indif.	juv.-ad.	juv.-ad.	ZOFFMANN 2014
	ALBK_ALBK 1.	MEMO24	25	448					male	34–40	adultus	ZOFFMANN 2014
	ALBK	MEK101	12						female	no data	ad.-mat.	ZOFFMANN unpublished
	ALBK	MEK102	46						indif.	no data	infans I-II	ZOFFMANN unpublished
	Neolithic?	MEK001	4/2001						male	37–46	ad.-mat.	KÖHLER unpublished
	Neolithic	MEK002	5/2000						indif.	18–20	juvenis	KÖHLER unpublished
	Neolithic	MEK003	10/2000						female	30–40	adultus	KÖHLER unpublished
	ALBK_Bükki	MEK004	21/A/2001						female?	21–30	adultus	CSENGERI 2001; KÖHLER unpublished
	ALBK_Tiszadob	MEK005	48/2001						male	30–50	ad.-mat.	CSENGERI 2004; KÖHLER unpublished
	ALBK_Tiszadob	MEK006	49/2001						indif.	2–3	infans I	CSENGERI 2004; KÖHLER unpublished
	ALBK_Tiszadob	MEK007	62/2001						indif.	14–16	juvenis	CSENGERI 2004; KÖHLER unpublished
	Lengyel	MORT 1	15.				83.1.15		female	62–75	senilis	ZOFFMANN 2004

Suppl. Tab. 3. (continued)

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Lengyel	MORT 2	16.	85.1.50	female	41-45	maturus	ZOFFMANN 2004					
Lengyel	MORT 3	36.	85.1.5	female	34-38	adultus	ZOFFMANN 2004					
Lengyel	MORT 4	43.	85.1.12	indiff.	9-11	infans II	ZOFFMANN 2004					
Lengyel	MORT 5	44.	85.1.13	female	63-75	senilis	ZOFFMANN 2004					
Lengyel	MORT 6	46.	85.1.15	indiff.	9-11	infans II	ZOFFMANN 2004					
Lengyel	MORT 7	47.	85.1.16	indiff.	13-15	inf. II-juv.	ZOFFMANN 2004					
Lengyel	MORT 8	48.	85.1.17	female	21-28	juv.-ad.	ZOFFMANN 2004					
Lengyel	MORT 9	51.	85.1.20	female	65-75	senilis	ZOFFMANN 2004					
Lengyel	MORT 10	52.	85.1.21	indiff.	2-3	infans I	ZOFFMANN 2004					
Lengyel	MORT 11	55.	85.1.24	male	22-28	adultus	ZOFFMANN 2004					
Lengyel	MORT 12	56.	-	female	41-45	maturus	ZOFFMANN 2004					
Lengyel	MORT 13	57.	85.1.26	male	54-58	maturus	ZOFFMANN 2004					
Lengyel	MORT 14	58.	85.1.27	male	64-73	senilis	ZOFFMANN 2004					
Lengyel	MORT 15	59.	85.1.28+87.1.1	female	19-21	juvenis	ZOFFMANN 2004					
Lengyel	MORT 16	60.	85.1.29	indiff.	5-6	infans I	ZOFFMANN 2004					
Lengyel	MORT 17	62.	85.1.30	indiff.	4-5	infans I	ZOFFMANN 2004					
Lengyel	MORT 18	63.	85.1.31	indiff.	9-11	infans II	ZOFFMANN 2004					
Lengyel	MORT 19	65.	85.1.33	female	47-63	maturus	ZOFFMANN 2004					
Lengyel	MORT 20	66.	1984.jul.14, 85.1.35	male	37-43	adultus	ZOFFMANN 2004					
Lengyel	MORT 21	67.	85.1.36	female	30-36	adultus	ZOFFMANN 2004					
Lengyel	MORT 22	74.	85.1.41	female	40-46	maturus	ZOFFMANN 2004					
Lengyel	MORT 23	76.	85.1.43	female?	65-75	senilis	ZOFFMANN 2004					
Lengyel	MORT 24	77. II rész	1985.V., 85.1.44	male	41-47	maturus	ZOFFMANN 2004					
Lengyel	MORT 25	81.	?	indiff.	9-11	infans II	ZOFFMANN 2004					
Sopot	NEB1	10.	1/L	female	15-18	juvenis	ZOFFMANN 1996					
Sopot	NEB2	13.	1/I	female	33-39	adultus	ZOFFMANN 1996					
Sopot	NEK1	17.	17.	female	25-30	adultus	KÖHLER unpublished					
ALBK_3	POP101	17	23	female?	40-59	maturus	ZOFFMANN unpublished					
ALBK_3	POP102	31	37	female	40-59	maturus	ZOFFMANN unpublished					
ALBK_3	POP103	32	38	indiff.	14-16	juvenis	ZOFFMANN unpublished					
ALBK_3	POP104	61	76	indiff.	1-1,5	infans I	ZOFFMANN unpublished					
ALBK_3	POP105	108	173	genetically male	50-56	maturus	ZOFFMANN unpublished					
ALBK_3	POP106	111	177	female	42-46	maturus	ZOFFMANN unpublished					
ALBK_3	POP107	8	12	female	23-?	ad.-mat.	ZOFFMANN unpublished					
ALBK_3	POP108	64	95	indiff.	0	infans I	ZOFFMANN unpublished					
ALBK_3	POP109	67	98	indiff.	0	infans I	ZOFFMANN unpublished					
Tisza	PULE1.1	17	17	female	23-39	adultus	ZOFFMANN unpublished					
ALBK-Szakálhát	PULE1.2	26	26	indiff.	9-10	infans II	ZOFFMANN unpublished					
Tisza	PULE1.3	36	36	indiff.	neon.	infans II	ZOFFMANN unpublished					
ALBK-Szakálhát	PULE1.4	40	40	indiff.	5-7	infans I	ZOFFMANN unpublished					
ALBK-Szakálhát	PULE1.5	41	41	male	38-52	ad.-mat.	ZOFFMANN unpublished					
Tisza	PULE1.6	48	56	female	ad.-mat.	ad.-mat.	ZOFFMANN unpublished					
Tisza	PULE1.7	65	85	female	adultus	adultus	ZOFFMANN unpublished					
ALBK-Szakálhát	PULE1.8	67	87	male	28-56	ad.-mat.	ZOFFMANN unpublished					
Tiszapolgár	PULE1.9	130	150	osteology indiff., genetically male	adultus	adultus	ZOFFMANN unpublished; Larson et al. 2017					

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
	ALBK-Szakállhát	PULE1.10	135	155					male	16–18	juvenis	ZOFFMANN unpublished
	Tiszapolgár	PULE1.11	191	235					female	23–29	adultus	ZOFFMANN unpublished
	Tiszapolgár	PULE1.12	191	238					indiff.		juvenis	ZOFFMANN unpublished
	Tiszapolgár	PULE1.13	192	236					male	adultus	adultus	ZOFFMANN unpublished
	Tisza	PULE1.14	231	283					indiff.	infans I	infans I	ZOFFMANN unpublished
	ALBK-Szakállhát	PULE1.15	237	293					female	23–27	adultus	ZOFFMANN unpublished
	Tisza	PULE1.16	243	304					female	ad.-mat.	ad.-mat.	ZOFFMANN unpublished
	Tisza	PULE1.17	251	312					indiff.	infans I	infans I	ZOFFMANN unpublished
	ALBK-Szakállhát	PULE1.18	269	335					female	30–36	adultus	ZOFFMANN unpublished
	Tiszapolgár	PULE1.19	290	364					female	adultus	adultus	ZOFFMANN unpublished
	ALBK-Szakállhát	PULE1.20	291	365					female	48–57	maturus	ZOFFMANN unpublished
	ALBK-Szakállhát	PULE1.21	292	366					male	39–45	ad.-mat.	ZOFFMANN unpublished
	Tiszapolgár	PULE1.22	319	396					male	adultus	adultus	ZOFFMANN unpublished
	ALBK-Szakállhát	PULE1.23	328	407					female	45–51	maturus	ZOFFMANN unpublished
	Tisza	PULE1.24	365	460					genetically female	49–55	maturus	ZOFFMANN unpublished
	Tisza	PULE1.25	399	513					male	47–51	maturus	ZOFFMANN unpublished
	Tisza	PULE1.26	419	537					genetically female	30–36	adultus	ZOFFMANN unpublished
	Tisza	PULE2.1	89	217					female	18–28	juv.-ad.	ZOFFMANN unpublished
	ALBK	PULE2.2	162	203					female	40–46	maturus	ZOFFMANN unpublished
	Tisza	PULE2.3	170	219					male	17–22	juvenis	ZOFFMANN unpublished
	ALBK_Bükki	SAK001	22						indiff.	20–30	juv.-ad.	KÖHLER unpublished
Sajószentpeter-Kővecses	ALBK_ALBK 2.	SAV001–SAV003							female	17–20	juvenis	MENDE personal comm.
Sajószentpeter-vasútí őrház	ALBK_Bükki	SAV002	35	123					no data	no data	no data	-
	ALBK_ALBK 2.	SAV003	78	189					female	17–20	juvenis	MENDE personal comm.
	ALBK_ALBK 2.	SAV004	78	325					indiff.	1–1,5	infans I	MENDE personal comm.
Szedérickény-Kulorica-dűlő, 95.lh.	Vinca	SEK11	119.						no data	no data	no data	-
	Vinca	SEK12	159.						no data	no data	no data	-
	Vinca	SEK13	270.						indiff.	25–35	adultus	KÖHLER unpublished
	Vinca	SEK14	344.						no data	no data	no data	-
	Vinca	SEK15	367.						female	30–35	adultus	KÖHLER unpublished
	Vinca	SEK16	2398.						genetically female	no data	no data	-
	Vinca	SEK17	3413.				14,739		indiff.	16–18	juvenis	KÖHLER unpublished
	Vinca	SEK18	2436.						female	30–40	adultus	KÖHLER unpublished
	Vinca	SEK19	2484.						indiff.	15–19	juvenis	KÖHLER unpublished
	Vinca	SEK110	2491.				10,161		male	30–40	adultus	KÖHLER unpublished
	Vinca	SEK111	2842.				11,770		indiff.	20–25	juv.-ad.	KÖHLER unpublished
Szegvár-Tűzköves Személy-Irás	Tisza	SZEG1	1.						no data	no data	no data	-
	LBKT?	SZEH01	549	609.					indiff.	6–8	infans I	KÖHLER unpublished
	Sopot	SZEH02	627	592.					female	30–39	adultus	KÖHLER unpublished
	Sopot	SZEH03	883	586–588.					female?	25–30	adultus	KÖHLER unpublished
	LBKT	SZEH04	1001	607–608.					osteology indiff., genetically female	30–39	adultus	KÖHLER unpublished; Lrnsón et al. 2017
	Sopot	SZEH05	1003	598.					osteology indiff., genetically female	15–20	juvenis	KÖHLER unpublished; Lrnsón et al. 2017
	LBKT?	SZEH06	1070	831.					indiff.	8–9	infans II	KÖHLER unpublished
	Sopot	SZEH07	1085	827.					osteology indiff., genetically female	ca. 0,5	infans I	KÖHLER unpublished; Lrnsón et al. 2017

Suppl. Tab. 3. (continued)

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Tiszabura Bonis hat	LBK?	SZEH08		1108	1183.				male	30-35	adultus	KÖHLER unpublished
	LBKT	SZEH09		1139	1025.				indiff.	ca. 9	infans II	KÖHLER unpublished
	LBKT?	SZEH10		1045	600.				indiff.	no data	no data	-
	ALBK	TIBO 1		86		161			indiff.	1.5-2	infans I	ZOFFMANN unpublished
	ALBK	TIBO 2		118		186			male	maturus	maturus	ZOFFMANN unpublished
	ALBK	TIBO 3		273		394			indiff.	ca. 13	infans II	ZOFFMANN unpublished
	ALBK	TIBO 4		273		424			male	adultus	adultus	ZOFFMANN unpublished
	ALBK	TIBO 5		273		428			female	adultus	adultus	ZOFFMANN unpublished
	ALBK_Tiszadob_Bükk culture	TISO01		251-01			2011.6.12		osteology indiff., genetically male	8-10	infans II	SZATHMÁRY unpublished
	ALBK_Tiszadob_Bükk culture	TISO02		315			2011.6.20		male	26-35	adultus	SZATHMÁRY unpublished
ALBK_Tiszadob_Bükk culture	TISO03		328			2011.6.21		female	23-40	adultus	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO04		422-424?			2011.6.22 a,b		undefinable	undefinable	undefinable	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO05		423-03			2011.6.6		female	23-40	adultus	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO06		424			2011.6.5, 2011.6.19		male?	17-18	juvenis	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO07		428			2011.6.1		male	40-60	maturus	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO08		440-01			2011.6.10		female	40-60	maturus	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO09		455					male?	35-55	ad.-mat.	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO10		464					indiff.	11-12	infans II	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO11		472					male	23-40	adultus	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO12		474			2011.6.4		male?	18-19	juvenis	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO13		478-01			2011.6.8		male	23-?	ad.-mat.	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO14		493-01			2011.6.11		indiff.	9-10	infans II	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO15		496			2011.6.2, 2011.6.7		indiff.	6	infans I	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO16		519			2011.6.3		male	18-19	juvenis	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO17		604			2011.6.11		female	63-75	senilis	SZATHMÁRY unpublished	
ALBK_Tiszadob_Bükk culture	TISO18		394-01					no data	no data	no data	-	
ALBK_ALBK-Szakálhát	TITE 1		41					male	50-60	maturus	MENDE 1998/99	
ALBK_ALBK-Szakálhát	TITE 2		42					indiff.	8-9 (infans II)	infans II	MENDE 1998/99	
ALBK_ALBK-Szakálhát	TITE 3		98					female	40-50	maturus	MENDE 1998/99	
ALBK_ALBK-Szakálhát	TITE 4		101					male	30-50	maturus	MENDE 1998/99	
ALBK_ALBK-Szakálhát	TITE 6		-			1985/13a		female	40-50	maturus	MENDE 1998/99	
ALBK	TIFA01		1. house			45		no data	no data	no data	-	
Tiszaboldvár Hajnagos	ALBK-Szakálhát	TIDO01		1				male	40-46	maturus	DOMBORÓCZKI 2010	
Tiszasólyos-Domaházapuszta, Réti-dűlő	Körös (Mesolithice?)	TIDO02		2				male	31-37	adultus	DOMBORÓCZKI 2010	
	Körös	TIDO06		4				female	15-17	juvenis	DOMBORÓCZKI 2010	
	Körös (Mesolithice?)	TIDO03		5 (4?)				male	23-59	ad.-mat.	DOMBORÓCZKI 2010	
	ALBK-Szakálhát or early Tisza	TIDO04		6				male	34-40	adultus	DOMBORÓCZKI 2010	
	ALBK	TIDO05		7				undefinable	undefinable	undefinable	DOMBORÓCZKI 2010	
Tolna-Mézs TO 003	Balaton-Lasinja	TOLM1		81/162	178			indiff.	8-9	infans I	KÖHLER unpublished	
Tolna-Mézs TO 003	Balaton-Lasinja	TOLM2		190/306	369			indiff.	23-30	adultus	KÖHLER unpublished	
Tolna-Mézs TO 026	LBKT	TOLM3		2392.		2559.		male?	30-39	adultus	KÖHLER unpublished	
Tolna-Mézs TO 026	LBKT	TOLM4		1649.		1748.		male	35-45	ad.-mat.	KÖHLER unpublished	
Törökzenmiklós	Körös	TÖSM1		83		137		female	20-22	juvenis	ZOFFMANN 2004	
Tiszapüspöki Karanyecs háromág 3. lh.	Körös	TÖSM2		162		312		indiff.	0.5-1	infans I	ZOFFMANN 2004	
	Körös	TÖSM3		165		315		indiff.	11	infans II	ZOFFMANN 2004	

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	ANTHROPOLOGY			Publication
									Sex	Age	Age group	
Versend-Gilencsa	Körös	TÖSM4	166	316					indiff.	2.5–3	infans I	ZOFFMANN 2004
	Körös	TÖSM5	167	317					indiff.	infans I	infans I	ZOFFMANN 2004
	Körös	TÖSM6	168	318					indiff.	ca. 12	infans II	ZOFFMANN 2004
	Körös	TÖSM7	169	319					male	52–60	maturus	ZOFFMANN 2004
	Vinca	VEG101	415				1687–1688.		female	37–43	adultus	ZOFFMANN unpublished
	Vinca	VEG102	1032				4021.		indiff.	14–16	juvenis	ZOFFMANN unpublished
Veszprém-Pelzabudulás út	Vinca	VEG103	1039			4587.		male	24–30	adultus	ZOFFMANN unpublished	
	Vinca	VEG104	1049			4738, 4737.		male	40–46	maturus	ZOFFMANN unpublished	
	Vinca	VEG106	1078			5263.		male	34–40	adultus	ZOFFMANN unpublished	
	Vinca	VEG106	1098			5255.		female	46–62	maturus	ZOFFMANN unpublished	
	Vinca	VEG107	1110			5261.		indiff.	8–9	infans II	ZOFFMANN unpublished	
	Vinca	VEG108	1115			5407.		indiff.	15–17	juvenis	ZOFFMANN unpublished	
	Vinca	VEG109	1121			5259.		indiff.	juvenis	juvenis	ZOFFMANN unpublished	
	Vinca	VEG110	1124			5257.		female	adultus	adultus	ZOFFMANN unpublished	
	Vinca	VEG111	1162			7355.		male	maturus	maturus	ZOFFMANN unpublished	
	Vinca	VEG113	1290			6578.		indiff.	13–14	infans II	ZOFFMANN unpublished	
	Vinca	VEG114	1394			6551.		female	mat.-senil.	mat.-senil.	ZOFFMANN unpublished	
	Vinca	VEG115	1505			6757.		male	23–39	adultus	ZOFFMANN unpublished	
	Vinca	VEG116	1506			6756.		genetically female	no data	no data	-	
	Vinca	VEG117	1561			7348.		female	25–34	adultus	ZOFFMANN unpublished	
	Vinca	VEG118	1703			8330.		indiff.	6–7	infans I	ZOFFMANN unpublished	
	Vinca	VEG119	1720			7353.		indiff.	13–15	infans II	ZOFFMANN unpublished	
	Vinca	VEG120	1972			8118.		female	14–16	juvenis	ZOFFMANN unpublished	
	Vinca	VEG121	1995			8117-8116.		female	34–43	ad.-mat.	ZOFFMANN unpublished	
	Vinca	VEG122	2030			8442.		female	34–40	adultus	ZOFFMANN unpublished	
Vinca	VEG123	2032			8444.		female	adultus	adultus	ZOFFMANN unpublished		
Vinca	VEG124	1568					no data	no data	no data	-		
Vinca	VEG125	1721					no data	no data	no data	-		
Veszprém-Pelzabudulás út	Lengyel III	VEM1	1.	77.1.1				no data	no data	no data	-	
	Lengyel III	VEM2		77.1.2				no data	no data	no data	-	
	Lengyel III	VEM3		77.3.1				no data	no data	no data	-	
Veszprém-Juasi-Munkacsy út	Lengyel II	VEJ1	3.	102.				female	50–60	maturus	KÖHLER 2006	
	Lengyel II	VEJ2	2.	98.				male	50–70	mat.-senil.	KÖHLER 2006	
	Lengyel II	VEJ3	1.	100.				indiff.	2.5–3	infans I	KÖHLER 2006	
	Lengyel II	VEJ4	4.	71.				indiff.	17–19	juvenis	KÖHLER 2006	
	Lengyel II	VEJ5	5.	219.				male	50–60	maturus	KÖHLER 2006	
	Lengyel II	VEJ6	6.	228.				female	28–37	adultus	KÖHLER 2006	
	Lengyel II	VEJ7	7.	229.				female	47–56	maturus	KÖHLER 2006	
	Lengyel II?	VEJ8	8.	158.				male	30–40	adultus	KÖHLER 2006	
	Balaton-Lasinja	VEJ9	9.	280.				osteology indiff., genetically male	8–9	infans II	KÖHLER 2006; LIPSON et al. 2017	
Balaton-Lasinja	Balaton-Lasinja	VEJ10	13.	555.				male	23–40	adultus	KÖHLER 2006	
	Balaton-Lasinja	VEJ11	14.	556.				female	40–?	maturus	KÖHLER 2006	
	Balaton-Lasinja	VEJ12	15.	562.				male	50–60	maturus	KÖHLER 2006	
Veszprém-Mágor	Tisza	VSM01	30.			8411.		male	35–40	adultus	HEGEDŰS 1977	
	Tisza	VSM02	31.			8412.		indiff.	10–12	infans II	HEGEDŰS 1977	

Suppl. Tab. 3. (continued)

Site	ANTHROPOLOGY											
	Culture	Labor No.	Grave No.	Feature	SNR	STR	Inventory No.	Skull no.	Sex	Age	Age group	Publication
	Tisza	VSM03	32.				8413.		male	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM04	33.				8414.		indiff.	18-20	juvenis	HEGEDŰS 1977
	Tisza	VSM05	34.				8415.		male?	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM06	36.				8417.		male	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM07	39.				8420.		male	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM08	42.				8423.		male	mat.-senil.	mat.-senil.	HEGEDŰS 1977
	Tisza	VSM09	43.				8574.		female	20-30	adultus	HEGEDŰS 1977
	Tisza	VSM10	44.				8575.		male	35-40	adultus	HEGEDŰS 1977
	Tisza	VSM11	1.				7963.		female	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM12	2.				7964.		male	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM13	3.				7965.		male	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM14	4.				7966.		female	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM15	6.				7968.		female	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM16	7.				7969.		male	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM17	8.				7970.		indiff.	infans I	infans I	HEGEDŰS 1977
	Tisza	VSM18	11.				7972.		indiff.	infans I	infans I	HEGEDŰS 1977
	Tisza	VSM19	12.				7973.		indiff.	infans II	infans II	HEGEDŰS 1977
	Tisza	VSM20	36b						indiff.	infans I	infans I	HEGEDŰS 1977
	Tisza	VSM21	13.				7974.		male	adultus	adultus	HEGEDŰS 1977
	Tisza	VSM22	16.				8398.		male?	maturus	maturus	HEGEDŰS 1977
	Tisza	VSM23	14.				7975.		male	adultus	adultus	HEGEDŰS 1977
Visonta	ALBK	VISO01	1A/1.						male	no data	ad.-mat.	ZOFFMANN unpublished
Samples from Croatia												
Radovanci Sopot Kultur	Sopot	RADOV1							female	25-30	adultus	ŠLAUS unpublished
Korčula, Vela Spila	Mesolithic	STANKO							male	35-40	adultus	KONŠO 2006
Vinkovci Nama	Starčevo	VINK1		Stratum 12 b-j-7					male	17-19	juvenis	HINGČAK et al. 2007
	Starčevo	VINK2		7.					male	14-16	juvenis	HINGČAK et al. 2007
	Starčevo	VINK3		8.					female	25-29	adultus	HINGČAK et al. 2007
	Starčevo	VINK4		11.					female	40-44	maturus	HINGČAK et al. 2007
	Starčevo	VINK5		12a					male	35-39	adultus	HINGČAK et al. 2007
	Starčevo	VINK6		13.a					male	40-44	maturus	HINGČAK et al. 2007
Vinkovci Jugobanka	Starčevo	VINK6		15.					male	40-44	maturus	HINGČAK et al. 2007
	Starčevo	VINJ1		3.					indiff.	7-8	infans I	ŠLAUS unpublished
	Starčevo	VINJ2		4a					female	15-20	juvenis	ŠLAUS unpublished
	Starčevo	VINJ5		4b					male	no data	no data	ŠLAUS unpublished
	Starčevo?	VINJ3		7a					female	35-40	adultus	ŠLAUS unpublished
Vukovar Gimnazija	Starčevo	VUKG1		1.					male	35-40	adultus	ŠLAUS 2002
	Starčevo	VUKG2		2.					female	40-45	maturus	ŠLAUS 2002
	Starčevo	VUKG3		3.					indiff.	12.5-13.5	infans II	ŠLAUS 2002
	Starčevo	VUKG4		4.					indiff.	11.5-12.5	infans II	ŠLAUS 2002
	Starčevo	VUKG5		5.					indiff.	0.2-0.5	infans I	ŠLAUS 2002

Suppl. Tab. 3. (continued)

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-I compared to CRS	Uninformative sites HVS-I compared to RRS	HVS-I compared to CRS	Range HVS-I	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22	Y-chromosomal haplogroup	HPlex U-Plex	UR_9698
Vela Spilja	Croatia	STANKO 12 / 2104	M37	M37	M28	M28	16270T-16311C	A16129GT16187C C16189TT16223C G16230A C16270T T16278C	16056-16402	-	-	-	-	U502A5	U5b	U	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 1 688	M17	M16	M16	M16	16124C-16126C-16294T-16296T-16304C	T16124CT16126C A16129GT16187C C16189TT16223C G16230AT16278C C16294T C16296T T16304C C16311T	16045-16402	-	-	-	-	T2b	T2	T	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 2 721	M37	M18	M18	M18	16172c-16224c-16311c	A16129GT16172c T16187c C16189TT16223c C16294c G16230AT16278c	16010-16402	-	-	-	-	K	K	K	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 3 727	Femur.	Femur.	Femur.	Femur.	16223t-16292t	A16129GT16187C C16189TT16223C G16230AT16278C C16292T C16311T	16010-16405	-	-	-	-	W	W	W	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 4 745	M36	M37	M37	M37	16224c-16311c	A16129GT16187C C16189TT16223C T16224c G16230A T16278C	16018-16409	739-2639	3151c	C1467C152T C195T A247G 3151c	34-371	K	K	K	G3a	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 5 746	M36	M42	M42	M42	16126c-16153a-16294t-16296t	T16126C A16129G G16153A T16187C C16189TT16223C G16230AT16278C C16294T C16296T C16311T	16045-16402	-	-	-	-	T2e	T2e	T	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 6 775	M27	M28	M28	M28	16298c	A16129GT16187C C16189TT16223C G16230A T16278C T16298C C16311T	16057-16402	-	-	-	-	V	V	V	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 7 792	M46	M85	M85	M85	16093c-16224c-162251c-16311c	T16093c A16129G T16187c C16189TT16223c C16224c G16230AT16278c	16055-16402	739-2639	3151c	C1467C152T C195T A247G 3151c	59-397	K	K	K	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 8 797	M36	M37	M37	M37	16093c-16126c-16189c-16294t-16296t-16304c	T16093c T16126c A16129G T16187c C16189TT16223c G16230A T16278C T16294t C16296t T16304c C16311t	16010-16409	-	-	-	-	T2b	T2b	T	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 9 1061	Femur.	Femur.	Femur.	Femur.	16093c-16189c-16224c-16311c	T16093c A16129G T16187c C16189TT16223c T16224c G16230A T16278c	16018-16406	-	-	-	-	K	K	K	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 10 1362	M46/47	M47/48	M47/48	M47/48	-	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16012-16409	2639	3151c	G3A C146T C152T C195T A247G 3151c	34-397	H	H	H	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 11 1372	M47	M48	M48	M48	-	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16011-16402	2639	3151c	G3A C146T C152T C195T A247G 3151c	35-397	H	H	H	G3a	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 12 1398	Pars petrosa	Femur.	Femur.	Femur.	16343g	A16129GT16187C C16189TT16223C G16230A T16278C C16311T A16146G	16012-16409	-	-	-	-	U3	U3	U	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 13 1435	M16	M16	M16	M16	16183c-16189c-16223t-16278t	A16129GT16187C G16230A C16311T	15997-16402	739-195c 2079-2639	3091c-3151c	C1467C152T G207A A247G 3091c 3151c	62-382	X2	X2	X	G2a2b	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 14 1436 female	Femur.	Femur.	Femur.	Femur.	16069t-16126c	C16069TT16126c A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16011-16409	739-185a-228a 2639-295t	3151c	C1467C152T G185A C195T G228A A247G C295T 3151c	61-371	J1c	J	J	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 15 1449	M47	M46	M46	M46	16189c-16223t-16278t-16362c	A16129GT16187C G16230A C16311T T16362c	16055-16402	739-153g-195c 225a-2639	3092c-3151c	C1467C152T A153G G235A A247G 3091c 3092c 3151c	61-394	X2	X	X	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 16 1461	Femur.	Femur.	Femur.	Femur.	16224c-16311c	A16129GT16187C C16189TT16223C T16224c G16230A T16278c	16039-16405	739-2639	3151c	C1467 C152T C195T A247G 3151c	35-397	K	K	K	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 17 1483	M36	M36	M36	M36	16126c-16153a-16189c-16189c-16294t	T16126C A16129G A16153G C16189T T16187C T16223C G16230AT16278C C16294T C16311T	16045-16402	-	-	-	-	T1a	T1a	T	F*	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 18 1495	M36	M37	M37	M37	16069t-16126c	C16069TT16126c A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16045-16402	739-2639-295t	3151c	C1467C152T C195T A247G C295T 3151c	61-372	J	J	J	-	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 19 1513	M16	M46	M46	M46	16093c-16224c-16311c	T16093c A16129G T16187c C16189TT16223c C16294c G16230AT16278c	15997-16402	739-114t-2639	3151c	C1147C146T C152T C195T A247G 3151c	62-371	K1a1	K	K	G2a	-	-
Alsónyék-Bátaszék, Ménoki Telep	Hungary	BAM 20 1516	M46	M47	M47	M47	16126c-16294t-16296t-16304c	T16126C A16129G T16187C C16189TT16223C G16230A T16278C C16294T C16296T T16304C C16311T	16011-16402	739-2639	3151c	C1467C152T C195T A247G 3151c	34-397	T2b	T2b	T	-	-	-

Suppl. Tab. 4. Detailed genetic results. Sequence polymorphisms were identified relative to the Cambridge Reference Sequence (CRS) and Reconstructed Sapiens Reference Sequence (RSRS). Haplogroup determination is based on phylotree built 17, accessed 16 Febr 2016 (www.phylotree.com). Generally, all control region sequences and SNP profiles are reproduced at least by two independent extracts otherwise indicated with red letters. Individuals with insufficient DNA preservation and unreliable HVS-I sequences or SNP profiles are indicated by – (as not determined). Identical HVS-I (and HVS-II) that may indicate potential kinship of particular sites are highlighted by equal colours. Detailed results of the GenoCoRe22 SNP assay and Y25 multiplex and H-Plex, U-Plex assay are seen in SZEGENYI-NAGY 2015 and KEERL 2015. They are summarised here to a consensus profile of reproduced alleles and orientated to the forward direction (L-strand).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to GDS	HVS-I compared to BSRS	Range HVS-I	HVS-II compared to GDS	Uniformative size HVS-II compared to GDS	HVS-II compared to BSRS	Range HVS-II	Mitochon- dral haplo- group	Macro- haplo- group	Geo- Correl22	Y-chromo- somal haplogroup	H-Plus U-Plus	UR 9698
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 21	1525	Femur r.	Femur l.	Femur l.	16126c; 16294; 16304c	T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16294T; T16304C; C16311T	16027-16409	-	-	-	16027-16409	T2b	T2b	T	-	-	-
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 22	1527	Femur r.	Femur l.	Femur l.	16086c; 16147A; 16172c; 16223h; 16248l; 16320l; 16355f	T16086C; A16129G; C16147A; T16172C; T16187C; C16189T; G16230A; C16248T; T16278C; C16311T; C16294T; C16355T	16028-16409	-	-	-	16028-16409	N1a1a1a	N1a	NI	-	-	-
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 23	1528	M44	M34	M34	16179l; 16189c; 16223h; 16278l; 16362c	A16129G; C16179T; T16187C; G16230A; C16311T; T16362C	16025-16405	739; 1539; 195c; 225g; 263g	3151c	C1467C; 152T; A153G; G233A; A247G; 3091C; 3151c	34-397	X2	X	X	-	-	-
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 24	1531	M46	M47	M47	16093c; 16234c; 16311c	T16093C; A16129G; T16187C; C16189T; T16223C; T16278C; G16230A; T16278C	19997-16402	739; 150l; 263g	3151c	C1467C; 150T; C152T; C195T; A247G; 3151c	46-397	K1	K	K	-	-	-
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 25	1532	M46	M47	M47	16147A; 16172c; 16193t; 16231t; 16248l; 16355f	A16129G; C16147A; T16172C; T16187C; C16189T; C16193T; G16230A; C16248T; T16278C; C16311T; C16355T	16057-16409	-	-	-	16057-16409	N1a1a1	N1a	NI	F*	-	-
Alónyék-Batazsek, Ménoki Télep	Hungary	BAM 26	1533	M46	M47	M47	16126c; 16294; 16298l; 16304c	T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16294T; C16298T; T16304C; C16311T	16057-16409	739; 263g	3091c; 3151c	C1467C; 152T; C195T; A247G; 3091c; 3151c	34-397	T2b	T2b	T	F*	-	-
Lányosók-Guba-Catola	Hungary	LGCS1	1661	M17	M27	M27	16095c; 16223t; 16292t	T16095C; A16129G; T16187C; C16189T; G16230A; T16278C; C16292T; C16311T	16003-16409	-	-	-	16003-16409	W	W	W	G2a2b	-	-
Lányosók-Guba-Catola	Hungary	LGCS2	1662	Femur l.	Femur l.	Femur l.	16147A; 16172c; 16189c; 16223h; 16248l; 16278l; 16355f	A16129G; C16147A; T16172C; T16187C; C16189T; G16230A; C16248T; T16278C; C16311T; C16355T	16055-16402	-	-	-	16055-16402	N1a1a1	N1a	NI	-	-	-
Lányosók-Guba-Catola	Hungary	LGCS3	1784	m55	m65	m65	16394c	A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; T16394C; C16311T	16013-16409	-	-	-	16013-16409	H5	H5	H	-	-	-
Lányosók-Guba-Catola	Hungary	LGCS4	1810 (= 1658)	M46	M47	M47	16093c; 16189c; 16224c; 16311c	T16093C; A16129G; T16187C; T16223C; T16242C; G16230A; T16278C	16003-16409	-	-	-	16003-16409	K	K	K	G2a2b	-	-
Lányosók, Csata-ajla	Hungary	M6_116.1	1637/160	M26	M27	M27	16356c	A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16311T; T16356C	16003-16409	-	-	-	16003-16409	U4	U4	U	I	-	-
Lányosók, Csata-ajla	Hungary	M6_116.4	353/329	M38	PM25	PM25	16166g; 16224c; 16311c	A16129G; A16166G; T16187C; C16189T; T16223C; T16242C; G16230A; T16278C	16012-16409	-	-	-	16012-16409	K	K	K	-	-	-
Lányosók, Csata-ajla	Hungary	M6_116.9	360/284	M27	M36	M36	16126c; 16292t; 16294t	T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16292T; C16294T; C16311T	16056-16402	-	-	-	16056-16402	T2c1	T2c	T	-	-	-
Vinkovci Nana	Croatia	VINK1	7	M26	M27	M27	16095c; 16224c; 16311c	T16095C; A16129G; T16187C; C16189T; T16223C; T16242C; G16230A; T16278C	16021-16402	-	-	-	16021-16402	K	K	K	-	-	-
Vinkovci Nana	Croatia	VINK2	8	M16	M17	M17	16089t; 16126c; 16224c; 16261t	C16089T; T16126C; A16129G; T16187C; C16189T; T16223C; T16242C; G16230A; T16278C	16025-16409	-	-	-	16025-16409	J1c	J	J	-	-	-
Vinkovci Nana	Croatia	VINK3	11	M18	M38	M38	16298c	A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; T16298C; C16311T	16056-16409	-	-	-	16056-16409	HWO	HWO	HW	-	-	-
Vinkovci Nana	Croatia	VINK4	12a	Femur r.	Femur l.	Femur l.	-	-	-	-	-	-	-	-	-	-	J?	-	-
Vinkovci Nana	Croatia	VINK5	13	M17	C23	C23	16093c; 16189c; 16224c; 16311c	T16093C; A16129G; T16187C; C16189T; T16223C; T16242C; G16230A; T16278C	16056-16402	-	-	-	16056-16402	K	K	K	G2a	-	-
Vinkovci Nana	Croatia	VINK6	15	M16	M17	M17	-	-	-	-	-	-	-	-	-	-	T?	-	-
Vinkovci Jugobanka	Croatia	VINU1	3	M16	M36	M36	16126c; 16294t; 16298t; 16304c	T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16294T; C16298T; T16304C; C16311T	16018-16409	-	-	-	16018-16409	T2b	T2b	T	-	-	-
Vinkovci Jugobanka	Croatia	VINU2	4a	M26	PM24	PM24	16093c; 16224c; 16261t; 16311c	T16093C; A16129G; T16187C; C16189T; T16223C; T16242C; G16230A; C16304T; T16278C	16018-16402	-	-	-	16018-16402	K1a4a1b27	K	K	-	-	-
Vinkovci Jugobanka	Croatia	VINU3	7a	Ulna r.	Humerus r.	Humerus r.	16298c	A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; T16298C; C16311T	16056-16409	-	-	-	16056-16409	V	V	V	-	-	-
Vinkovci Jugobanka	Croatia	VINU4	7b	C13	I12	I12	16162g; 16298c	A16129G; A16162G; T16187C; C16189T; T16223C; G16230A; T16278C; T16298C; C16311T	16007-16409	-	-	-	16007-16409	V	V	V	I2a1	-	-
Vukovar Gimnazija	Croatia	VUKJ1	1	M26	M38	M38	16069t; 16126c; 16302g	C16069T; T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; A16302G; C16311T	16018-16409	185a; 228b; 263g; 295t	3151c	G73A; C1467C; 152T; G185A; C195T; G228A; A247G; C295T; 3151c	36-397	J1c	J	J	G2a	-	-
Vukovar Gimnazija	Croatia	VUKJ2	2	Femur l.	Ulna l.	Ulna l.	-	-	-	-	-	-	-	-	-	-	-	-	-
Vukovar Gimnazija	Croatia	VUKJ3	3	M46	M26	M26	16069t; 16126c; 16302g	C16069T; T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; A16302G; C16311T	16012-16409	739; 185a; 228b; 263g; 295t	3151c	C1467C; 152T; G185A; C195T; G228A; A247G; C295T; 3151c	36-381	J1c	J	J	-	-	-
Vukovar Gimnazija	Croatia	VUKJ4	4	M36	M17	M17	16126c; 16294t; 16298t; 16304c	T16126C; A16129G; T16187C; C16189T; T16223C; G16230A; T16278C; C16294T; C16298T; T16304C; C16311T	16020-16409	-	-	-	16020-16409	T2b	T2b	T	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	Range HVS-I compared to CRS	Uninformative sites HVS-I compared to RSRS	HVS-II compared to RSRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Coll22	Y-chromosomal haplogroup	H-plex U-plex	UR_9698
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.1	S-36	Femur r.	Tibia l.										K			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.2	159	Femur l.	Tibia r.										H			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.3	278	Femur r.	Tibia r.										J			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.4	289	Femur	Tibia	II,1/21												
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.5	510	Humerus l.	Ulna r.	M37/47	A16129G C16147A T16154C T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	16055-16409										
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.6	531	Femur l.	Tibia l.	M37												
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.7	554	Femur l.	Tibia l.													
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.8	770	Femur r.	Tibia l.	M18									H			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.9	771	Femur r.	Tibia l.		16069T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15997-16409										
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.10	773	Femur l.	Tibia	M37/47												
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.11	774	Femur l.	Tibia r.	M37									T			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.12	775	Femur l.	Tibia r.										J			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.13	777	Femur r.	Tibia l.										T			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.14	778	Femur r.	Tibia l.										V			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.15	780	Femur r.	Humerus r.	M47		A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15997-16409						H	H	H	
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.19	288	M54/64	l62	M74	16311c	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15997-16409						HV	HV		
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.20	779	M16/26	Humerus	l51									J			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.21	782	P35/45	M17/27	M18/28	16069T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15997-16409										
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.22	791	M17	M27	M17									K			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.23	792	Femur r.	Femur l.													
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.24	793	M37/47	M38/48	M16/26									V			
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.25	796	M2 Maxilla	M2 maxilla													
Balatonárszóz-Kis-erdei-dűlő	Hungary	BSZ.26	797	M36	P15	C23												
Balatonszemes-Bagdomb	Hungary	BAB.1	57	M26	M85	M75												
Balatonszemes-Bagdomb	Hungary	BAB.2	74	89	Femur	Tibia												
Balatonszemes-Bagdomb	Hungary	BAB.4	324	504	M16	M36/46	16320t	A16129G T16187C C16189T T16223C G16230A T16278C C16311T C16320T	15997-16402						H26b	H	H	

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	Range HVS-I	HVS-II compared to CRS	Uninformative sites HVS-II compared to RSRS	HVS-III compared to RSRS	Range HVS-III	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22 group	Y-chromosomal haplogroup	H-Plex U-Plex	UR_9698
Balatonnesemes-Bagdomb	Hungary	BAB 3	314	M16/17	M38			A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16013-16402	195C-263g	3151.c	G73A C146T C152T A247G 315.1C	35-389	H	H	H			
Balatonnesemes-Bagdomb	Hungary	BAB 6	420	M16	M46	I21		A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16012-16409	263g	3151.c	G73A C146T C152T C195T A247G 315.1C	48-396	H	H	H			
Bölcske-Cyánusvölgy	Hungary	BOVO 1	41	M16	PM		16093c	T16093CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	16003-16403	-	-	-	-	H	H	H			
Bölcske-Cyánusvölgy	Hungary	BOVO 2	62	M26	M38		16069f16126c	C16069TT16126CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	16011-16409	-	-	-	-	J	J	J			
Bölcske-Cyánusvölgy	Hungary	BOVO 3	63	M36	M3 mandibula		-	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16011-16409	-	-	-	-	H	H	H			
Bölcske-Cyánusvölgy	Hungary	BOVO 4	116	M46	M47		16224c16311c	A16129GT16187C C16189TT16223C T16224C G16230A T16278C	16004-16402	-	-	-	-	K	K	K			
Bölcske-Cyánusvölgy	Hungary	BOVO 5	117	M36	M46		16093c16224c16311c	T16093CA16129GT16187C C16189TT16223C T16224C G16230A T16278C	16026-16402	-	-	-	-	K	K	K			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 1	87	M36	M28		16192f16249k16256f16270k16399g	A16129GT16187C C16189TT16223C G16230A T16278C C16311T A16399G	16028-16409	-	-	-	-	U5a1	U5a	U			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 2	199 (181)	M36	M38		16298c	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16026-16409	-	-	-	-	V	V	V			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 3	201 (181)	M26	M28		16126c16153a16294f1629k1	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	16026-16409	-	-	-	-	T2e	T2e	T			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 4	290	M26	M28		16126c16163g16186f16189c16294f	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	16025-16409	-	-	-	-	T1a	T1	T	G2ab		
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 5	297	Femur r.	Femur l.		16126c16294f1629k1	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16294T C1629k1 C16311T	16026-16409	-	-	-	-	T2	T2	T			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 6	378	Femur r.	Humerus l.		-	-	-	-	-	-	-	-	-	-	-	-	-
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 7	388	M26	M27		-	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16046-16402	263g	3151.c	G73A C146T C152T C195T A247G 315.1C	35-397	H	H	H			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 9	389.2	M36	M37		16051g16092c16179k16274a	A16051GT16092CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	16045-16402	-	-	-	-	U2	U2	U			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 10	348	M36	m75		-	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16058-16402	263g	3151.c	G73A C146T C152T C195T A247G 315.1C	35-397	H	H	H			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 11	557	Femur r.	Femur l.		-	-	-	-	-	-	-	-	-	-	-	-	-
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 12	631 (611)	M36	M37		16126c16294f1629k16304c	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16294T C1629k1 C16304C C16311T	16057-16402	-	-	-	-	T2b	T2b	T			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 13	503	M36	M48		16304c	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	15998-16409	263g	309.2c-3151.c	G73A C146T C152T C195T A247G 309.1C309.2C315.1C	35-397	H5	H5	H			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 14	629 (599)	M16	M48		16093c16224c16311c	T16093CA16129GT16187C C16189TT16223C G16230A T16278C	15997-16409	-	-	-	-	K	K	K			
Budakeszi, Szőlőskert-Tangazdaság	Hungary	BUD 15	632 (611)	M16	M26		16192f16304c	T16192GT16187C C16189TT16223C G16230A T16278C T16394C C16311T	16046-16402	263g	309.1c-3151.c	G73A C146T C152T C195T A247G 309.1C315.1C	36-397	H5	H5	H			
Harta-Gáborház	Hungary	HARG 1	115	Femur	Humerus PM		16126c16294f1629k16304c	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16294T	16046-16402	739.263g	309.1c-3151.c	C146T C152T C195T A247G 309.1C 315.1C	-	T2b	T2b	T			
Harta-Gáborház	Hungary	HARG 2	132	M37	M26	U1a	16086c16147a16172c16223k16248f16320f16355f	T16086CA16129GT16187C C16189TT16223C G16230A T16278C C16311T C16320T C16355T	16001-16409	-	-	-	-	N1a1a	N1a	NI			
Harta-Gáborház	Hungary	HARG 3	137	Femur r.	Humerus	M36/46	16126c16292a16294f1629k1	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16292T C16294T C1629k1 C16311T	15998-16409	-	-	-	-	T2c1	T2c	T			
Harta-Gáborház	Hungary	HARG 4	161	M46/36	M37/47		16224c16311c16398a	A16129GT16187C C16189TT16223C T16224C G16230A T16278C C16398A	16011-16409	-	-	-	-	K	K	K			

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-I compared to CRS	Uninformative sites HVS-I compared to CRS	HVS-II compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22	Y-chromosomal haplogroup	HPlex U-Plex	UR_9698
Harta-Gálórház	Hungary	HARG5	185	M48	M36/46		16126c:16294:16298:16304c	T16126C:A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16304C:C16311T	16025–16409	73g:263g	315:1c	C146T:C152T:C195T:A247G:315:1c	42–371	T2b	T				
MBS Eneolód02. Köny, Proletár-dűlőII	Hungary	KON1	55	Femur.I.			–	A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16304C:C16311T	16045–16409	–	–	–	–	H	H	H			
MBS Eneolód02. Köny, Proletár-dűlőII	Hungary	KON3	286	M18	M16		16126c:16294:16298:16304c	T16126C:A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16304C:C16311T	16056–16402	–	–	–	–	T2b	T				
MBS Eneolód02. Köny, Proletár-dűlőII	Hungary	KON4	612.1	M85	M75		16126c:16147c:16294:16296:16297c:16304c	T16126C:A16129G:C16147T:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16297C:T16304C:C16311T	16045–16402	73g:263g	309:2c:315:1c	C146T:C152T:C195T:A247G:309:1c:309:2c:315:1c	48–393	T2b23	T				
MBS Eneolód02. Köny, Proletár-dűlőII	Hungary	KON5	612.2	M85	M84		16126c:16147c:16294:16296:16297c:16304c	T16126C:A16129G:C16147T:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16297C:T16304C:C16311T	16046–16402	73g:263g	309:1c:315:1c	C146T:C152T:C195T:A247G:309:1c:315:1c	46–394	T2b23	T				
Személy-hegyes = Személy-irás	Hungary	SEH4	1001	607-608	M36		16147A:16154c:16172c:16228T:16248T:16300:16320R:16355T	A16129G:C16147A:T16154C:T16172C:T16187C:C16189T:T1623C:G16230A:C16248T:T16278C:A16300G:C16311T:C16320T:C16355T	16018–16409	–	–	–	–	N1a1a3	N1a	NI			
Személy-hegyes = Személy-irás	Hungary	SEH9	1139	M16	M36		16147A:16154c:16172c:16228T:16248T:16320R:16355T	A16129G:C16147A:T16154C:T16172C:T16187C:C16189T:T1623C:G16230A:C16248T:T16278C:C16311T:C16320T:C16355T	16025–16409	–	–	–	–	N1a1a3	N1a	NI			
Tolna-Mázs	Hungary	TOLM3	2392	Femur.I.			16126c:16153a:16294:16296:	T16126C:A16129G:G16153A:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:C16311T	16031–16409	–	–	–	–	T2e	T2e	T	P		
Tolna-Mázs	Hungary	TOLM4	1649	M36	M37		16224c:16311c	A16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	16056–16402	–	–	–	–	K	K	K	G2a.2b		
Bátaszék-Lajvér	Hungary	BALJ5	93	Femur.r.			16093c:16224c:16311c:G16230A:T16278C:G16319A	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	16056–16404	–	–	–	–	K1b1a	K	K	G2a		
Nitra	Slovakia	NITR2	2/64	M18	PM45		16093c:16224c:16311c	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	16048–16409	–	–	–	–	K1a	K	K	–		
Nitra	Slovakia	NITR7	14/64	PM45	M46		16093c:16224c:16311c	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	16046–16401	–	–	–	–	K1a	K	K	–		
Nitra	Slovakia	NITR11	20/65	M27	M16		–	–	–	–	–	–	–	–	–	N	–		
Nitra	Slovakia	NITR14	32/65	C23	I22		16051g:16092c:16179R:16274a	A16051G:T16092C:A16129C:C16179R:T16187C:C16189T:T1623C:G16230A:G16274AT:16278C:C16311T	16046–16409	–	–	–	–	U2	U2	U	–		
Nitra	Slovakia	NITR26	68/65	M16	M26		–	–	–	–	–	–	–	–	–	–	–		
Versend-Gilencsa	Hungary	VEG1	415	M17	C43	C33	16126c:16147c:16294:16296:16297c:16304c	T16126C:A16129G:C16147T:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16297C:T16304C:C16311T	16047–16409	–	–	–	–	T2b23	T2b	T			
Versend-Gilencsa	Hungary	VEG2	1032	M47	M46		16069T:16126c	C16069T:T16126C:A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16311T	16025–16409	73g:152c:185a:188g:238a:263g:295t	309:1c:315:1c	C146T:G185A:A188G:C195T:G228A:A247G:C295T:309:1c:315:1c	60–394	J1C2	J	J			
Versend-Gilencsa	Hungary	VEG3	1039	M46	PM45		16126c:16294:16298:16304c	T16126C:A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16294T:C16298T:T16304C:C16311T	15997–16409	–	–	–	–	T2b	T2b	T	FR7		
Versend-Gilencsa	Hungary	VEG4	1049	PM45	C33		16093c:16188R:16224c:16311c	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	16046–16409	–	–	–	–	K1a2a1	K	K	–		
Versend-Gilencsa	Hungary	VEG5	1078	M36	M38		16319a:16343g	A16129G:T16187C:C16189T:T1623C:G16230A:T16278C:C16311T:G16319AA:16343G	16019–16409	–	–	–	–	U3	U3	U	–		
Versend-Gilencsa	Hungary	VEG6	1098	M38	Paris petrosal.I.		16093c:16224c:16311c	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	15999–16409	73g:263g	309:1c:315:1c	C146T:C152T:C195T:A247G:309:1c:315:1c	61–394	K1a	K	K	–		
Versend-Gilencsa	Hungary	VEG7	1110	M26	m65		16093c:16224c:16311c	T16093CA:16129G:T16187C:C16189T:T1623C:T1624C:G16230A:T16278C	15997–16409	73g:263g	309:1c:315:1c	C146T:C152T:C195T:A247G:309:1c:315:1c	35–396	K1a	K	K	–		
Versend-Gilencsa	Hungary	VEG8	1115	PM34	C33		16086c:16147c:16172c:16228T:16248T:16320R:16355T	A16086C:A16129G:C16147A:T16172C:T16187C:C16189T:T1623C:G16230A:C16248T:T16278C:C16311T:C16320T:C16355T	16026–16409	–	–	–	–	N1a1a3	N1a	NI	–		
Versend-Gilencsa	Hungary	VEG9	1121	M38	M36		16029R:16343g	A16029R:T16187C:C16189T:T1623C:G16230A:T16278C:C16297C:C16311T:A16343G	16057–16409	–	–	–	–	U3	U3	U	–		
Versend-Gilencsa	Hungary	VEG10	1124	M36	M48		16192k:16256f:16270k	A16192G:T16187C:C16189T:C16192T:T1623C:G16230A:C16256F:C16270T:T16278C:C16311T	16058–16401	–	–	–	–	U5a	U5a	U	–		

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	Range HVS-I compared to CRS	Uninformative sites-HVS-I compared to CRS	HVS-II compared to RSRS	Range HVS-II compared to CRS	Mitochondrial haplogroup	Macro-haplogroup	Geno-Core22	Y-chromosomal haplogroup	H-Plus UPlex	UR_9698	
Versend-Gilencsa	Hungary	VEG11	1162	PM24	M26		16126c, 16147a, 16294t, 16296t, 16297c, 16304c	T16126C, A16129G, C16147T, T16187C, C16189T, T16233C, G16230A, T16278C, C16294T, C16296T, T16297C, C16304C, C16311T	16057-16409	309,1c, 315,1c, 315,1c	C146T, C152T, C195T, A247G, 309,1c	61-397	T2b23	T2b	T	-	-	-	
Versend-Gilencsa	Hungary	VEG13	1290	M36	M37		16348g, 16390a	A16129G, T16187C, C16189T, T16233C, G16230A, T16278C, C16311T, A16348G, G16390A	16057-16401	-	-	-	U3a	U3	U	-	-	-	
Versend-Gilencsa	Hungary	VEG14	1394	Femur	Paris petrosal.		-	-	-	-	-	-	-	-	-	K7	-	-	
Versend-Gilencsa	Hungary	VEG15	1505	Femur r.	Femur l.		16298c	A16129G, T16187C, C16189T, T16233C, G16230A, T16278C, C16311T	15997-16409	-	-	-	HV0	HV0	HW	-	-	-	
Versend-Gilencsa	Hungary	VEG16	1506	Femur r.	Tibla		16093c, 16256t, 16270t, 16320t, 16399g	T16093C, A16129G, T16187C, C16189T, T16233C, G16230A, C16256T, C16270T, T16278C, C16311T, C16320T, A16399G	16057-16409	-	-	-	U5a1c	U5a	U	-	-	-	
Versend-Gilencsa	Hungary	VEG17	1561	M48	M46		16051g, 16179t, 16274b	A16051G, A16129G, C16179T, T16187C, C16189T, T16233C, G16230A, G16274A, T16278C, C16311T	16046-16401	-	-	-	U2	U2	U	-	-	-	
Versend-Gilencsa	Hungary	VEG18	1703	m75	M36		16126c, 16147a, 16294t, 16296t, 16297c, 16304c	T16126C, A16129G, C16147T, T16187C, C16189T, T16233C, G16230A, T16278C, C16294T, C16296T, T16297C, C16304C, C16311T	15997-16409	309,1c, 315,1c	C146T, C152T, C195T, A247G, 309,1c, 315,1c	63-396	T2b23	T2b	T	-	-	-	
Versend-Gilencsa	Hungary	VEG19	1720	M37	M36		16092c, 16129a, 16147a, 16154c, 16172c, 16223t, 16248t, 16311c, 16320t, 16355t	T16092C, C16147A, T16154C, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16320T, C16355T	15997-16401	-	-	-	N1a1a1a3	N1a	NI	-	-	-	
Versend-Gilencsa	Hungary	VEG20	1972	M37	M36		16069t, 16126c	C16069T, T16126C, A16129G, T16187C, C16189T, T16233C, G16230A, T16278C, C16311T	16057-16409	73g, 185a, 228a, 263g, 295t	C146T, C152T, G185A, C195T, G228A, A247G, C295T, 315,1c	46-397	J1c	J	J	-	-	-	
Versend-Gilencsa	Hungary	VEG21	1995	M37	M36		16224c, 16311c	A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C	15997-16401	73g, 152c, 269g, 315,1c	C146T, C195T, A247G, 315,1c	61-397	K	K	K	-	-	-	
Versend-Gilencsa	Hungary	VEG22	2030	M48	M46		16224c, 16311c	A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C	16028-16401	73g, 114t, 263g, 315,1c	C147C, C146T, C152T, C195T, A247G, 315,1c	60-397	K	K	K	-	-	-	
Versend-Gilencsa	Hungary	VEG23	2032	M36	M46		16126c, 16153a, 16292t, 16294t	T16126C, A16129G, G16153A, T16187C, C16189T, T16233C, G16230A, T16278C, C16292T, C16294T, C16311T	16046-16409	-	-	-	T2e	T2e	T	-	-	-	
Versend-Gilencsa	Hungary	VEG24	1568	Femur r.	Tibla r.		-	-	-	-	-	-	-	-	-	-	-	-	
Versend-Gilencsa	Hungary	VEG25	1721	M46	M47		16092c, 16129a, 16147a, 16154c, 16172c, 16223t, 16248t, 16311c, 16320t, 16355t	T16092C, C16147A, T16154C, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16320T, C16355T	16019-16409	-	-	-	-	N1a1a1a3	N1a	NI	-	-	-
Szederkény-Kukorica-dűlő	Hungary	SEK01	119	M46	M47		16093c, 16224c, 16311c	T16093C, A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C	16046-16409	-	-	-	K1a	K	K	G2a	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK02	159	Tibial	Paris petrosal.		-	-	-	-	-	-	-	-	-	U7	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK03	270	M36	M37		16126c, 16294t, 16304c	T16126C, A16129G, T16187C, C16189T, T16233C, G16230A, T16278C, C16294T, T16304C, C16311T	15997-16409	-	-	-	T2b	T2b	T	-	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK04	344	PM25	Femur		-	-	-	-	-	-	-	-	-	T	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK05	367	M16	M17		16147a, 16154c, 16172c, 16223t, 16248t, 16320t, 16355t	A16129G, C16147A, T16154C, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16320T, C16355T	15999-16409	-	-	-	N1a1a1a3	N1a	NI	-	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK06	2398	M26	M27		-	-	-	-	-	-	-	-	-	H	H	H	
Szederkény-Kukorica-dűlő	Hungary	SEK07	3413	M36	M37		16224c, 16311c, 16319a	A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C, G16319A	15999-16409	-	-	-	K1b1a	K	K	-	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK08	2436	M16	M26		16093c, 16224c, 16311c, 16355t	T16093C, A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C, C16355T	16046-16409	-	-	-	K1a	K	K	-	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK09	2484	Humerus	Ulna		-	-	-	-	-	-	-	-	-	-	-	-	
Szederkény-Kukorica-dűlő	Hungary	SEK10	2491	M16	M17		16224c, 16311c	A16129G, T16187C, C16189T, T16233C, T1624c, G16230A, T16278C	15999-16409	-	-	-	K	K	K	-	-	-	

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	Range HVS-I	HVS-II compared to CRS	Uninformative sites HVS-II compared to RSRS	HVS-II compared to CRS to RSRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22	Y-chromosomal haplogroup	H-PIlex U-PIlex	UR_9698	
Vinc culture	Hungary	SEK111 2842	M26	M27	Femur	16081:16126C	C16087T16126C A16129GT16187C C16189TT16223C G16230AT16278C C16311T	15999–16409	–	–	–	–	J	J	J	J	–	–	–
Semeley-Hegyes	Hungary	SZEH1 549	M17	Tibla	16147A 16172C 16193A 16223T 16248T 16355R	A16129G C16147A T16172C T16187C C16189T C16193T G16230A C16248T T16278C C16311T C16355T	16047–16409	–	–	–	–	–	N1a1a1	N1a	NI	NI	–	–	–
Semeley-Hegyes	Hungary	SZEH5 1003	M26	M27	16093C 16224C 16311C 16319A	T16093C A16129GT16187C C16189TT16223C T16278C G16230A T16278C C16311T	16037–16409	–	–	–	–	–	K1b1a	K	K	–	–	–	–
Semeley-Hegyes	Hungary	SZEH6 1070	M16	m55	16093C 16224C 16311C	T16093C A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16026–16409	–	–	–	–	–	K1a	K	K	–	–	–	–
Nemesvámos-köpsa utca	Hungary	NEK1 17	M26	M28	16126C 16248T 16298T	T16126C A16129GT16187C C16189TT16223C G16230A T16278C C16248T C16298T C16311T	16004–16406	–	–	–	–	–	T2	T2	T2	T2	–	–	–
Nemesvámos-Bálicsa	Hungary	NEB2 1/1	Femur r.	M48	16183C 16189C 16223R 16278T	A16129GT16187C G16230A C16311T	16045–16401	739 153g 195c 225a 226c 263g?	3091c 3151c	C146T C152T A153G G235A T226C A247G 3091c 3151c	not complete	not complete	X2	X	X?	–	–	–	
																			16298C
Bicske-Galgonyás	Hungary	BICS1 1	M36	M38	16298C	C16057T16126C A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16045–16409	–	–	–	–	–	H10	H10	H10	–	–	–	–
Bicske-Galgonyás	Hungary	BICS3 3	M46	M18	16089N 16126C 16145A 16281T	T16223C G16230A C16281T T16278C C16311T	15999–16409	–	–	–	–	–	J1c	J	sample B,CJ	–	–	–	–
Fajsz-Garadomb	Hungary	FAGA1 165	M36	M38	16298C	A16129GT16187C C16189TT16223C G16230A T16278C T16298C C16311T	16000–16409	–	–	–	–	–	H10	H10	H10	–	–	–	–
Fajsz-Garadomb	Hungary	FAGA3 65	M26	M28	16298C	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	15999–16409	–	–	–	–	–	35–397	H	H	H	–	–	–
Alsónyék-ellertőlő 2. lh.	Hungary	ALE1 210	Femur r.	M28	16304C	A16129GT16187C C16189TT16223C G16230A T16278C T16304C C16311T	16019–16401	263g	3151c	G73A C146T C152T C195T A247G 3151c	36–397	H5	H5	H5	H	–	–	–	–
Alsónyék-ellertőlő 2. lh.	Hungary	ALE2 220A	M36	M37	16126C 16292A 16294T 16296T	T16126C A16129GT16187C C16189TT16223C G16230A T16278C C16292T C16294T C16296T C16311T	16012–16409	–	–	–	–	–	T2c1	T2c	T	–	–	–	–
Alsónyék-ellertőlő 2. lh.	Hungary	ALE6 272	M75	M85	16311C	A16129GT16187C C16189TT16223C G16230A T16278C C16311T	16046–16401	–	–	–	–	–	HW	HW	HW	–	–	–	–

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CIS	HVS-I compared to RSIS	Range HVS-I	HVS-I compared to CIS	Uninformative sites HVS-II compared to RSIS	HVS-II compared to RSIS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Cor22	Y-chromosomal haplogroup	H-Plus UPlex 17	UR-9698
Sopot culture																			
Alsónyék-ellenőző 2. lh.	Hungary	ALEB	283	M18	M17		16126c, 16294f, 16298f, 16304c	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	16058-16401	-	-	-	-	T2b	T2b	T	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE9	372	M467	PM45		16304c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, T16304C, C16311T	16058-16409	93g, 265g	309.2c, 315.1c	G73A, A99G, C146T, C152T, C195T, A247G, 309.2c, 315.1c	61-397	H5aa1	H5	Hf	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE10	373	Femur r.	Tibia l		16224c, 16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16033-16401	-	-	-	-	K	K	K	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE11	396	M16	M55		16304c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16057-16401	263g	315.1c	G73A, C146T, C152T, C195T, A247G, 315.1c	60-370	H5	H5	H	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE12	432	M36	M38		16298c, 16323c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, T16298C, C16311T, T16323C	16025-16409	-	-	-	-	HWO	HWO	HV	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE14	463	M85	M65		16183c, 16189c, 16234f, 16294f, 16324c	A16129G, T16187C, C16189T, T16223C, G16230A, C16294T, C16311T, T16324c	16048-16409	-	-	-	-	U8b1b	U8b	U	J2	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE15	464	M36	M38		16147A, 16172c, 16223f, 16248f, 16351f	A16129G, C16147A, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16351T	16046-16401	73g, 199c, 204c, 263g	315.1c	C146T, C152T, C195T, T199CT, Z99C, A247G, 315.1c	34-382	N1a1a	N1a	N1	I2a1	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE16	470	M47	M38		16147A, 16172c, 16223f, 16248f, 16351f	A16129G, C16147A, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16351T	16020-16404	73g, 199c, 204c, 263g	315.1c	C146T, C152T, C195T, T199CT, Z99C, A247G, 315.1c	34-372	N1a1a	N1a	N1	C	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE17	471	M36	M37		16126c, 16147f, 16294f, 16298c, 16304c	T16126C, A16129G, C16147F, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16298T, C16304C, C16311T	16012-16409	-	-	-	-	T2b23	T2b	T	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE18	475	M26	M46		16187f, 16192f, 16250f, 16270f	A16129G, C16187F, C16192F, T16223C, G16230A, C16250T, C16270T, T16278C, C16311T	16046-16401	-	-	-	-	U5a	U5a	U	-	-	-
Alsónyék-ellenőző 2. lh.	Hungary	ALE19	476	M37	M36		16126c, 16192f, 16294f, 16298c, 16304c	T16126C, A16129G, T16187C, C16189T, C16192F, T16223C, G16230A, T16278C, C16294T, C16298T, C16311T	16033-16409	-	-	-	-	T2c1	T2c	T	-	-	-
Veszprém-Felszabadulási út	Hungary	VEB1	771.1	Tibia r.	Femur r.		16126c, 16294f, 16298f, 16304c	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16298T, T16304C, C16311T	16033-16409	73g, 263g	315.1c	C146T, C152T, C195T, A247G, 315.1c	47-397	T2b	T2b	T	-	-	-
Veszprém-Felszabadulási út	Hungary	VEB2	771.2	Femur l.	Femur r.		-	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16023-16404	-	-	-	-	H	H	H	-	-	-
Veszprém-Felszabadulási út	Hungary	VEB3	773.1	Femur r.	Humerus r.		16126c, 16294f, 16298f, 16304c	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16298T, T16304C, C16311T	16002-16401	73g (263g)	309.1c, 315.1c	C146T, C152T, C195T, A247G, 309.1c, 315.1c	58-397	T2b	T2b	T	-	-	-
Veszprém-Júbsai út	Hungary	VEJ1	102	3	M38		16178c, 16183c, 16189c, 16234f, 1624c	A16129G, T16178C, T16183C, T16223C, G16230A, C16234T, T16278C, C16311T, T16324c	15997-16409	73g, 195c, 263g	315.1c	C146T, C152T, A247G, 315.1c	60-381	U8b1b	U8b	U	-	-	-
Veszprém-Júbsai út	Hungary	VEJ2	99	2	M38	Femur l.	16126c, 16294f, 16298f, 16304c	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16298T, T16304C, C16311T	15997-16409	73g, 263g	309.1c, 315.1c	C146T, C152T, C195T, A247G, 309.1c, 315.1c	35-383	T2b	T2b	T	C	-	-
Veszprém-Júbsai út	Hungary	VEJ3	100	1	M75		16094c, 16178c, 16183c, 16189c, 16234f, 16324c	T16094C, A16129G, T16178C, T16183C, T16189C, T16223C, G16230A, C16234T, T16278C, C16311T, T16324c	15997-16406	73g, 195c, 263g	315.1c	C146T, C152T, A247G, 315.1c	49-381	U8b1b1	U8b	U	-	-	-
Veszprém-Júbsai út	Hungary	VEJ4	71	4	M36	M37	16231f, 16292f	A16129G, T16187C, C16189T, G16230A, T16278C, C16292T, C16311T	16013-16409	73g, 119c, 189g, 195c, 204c, 207a, 263g	309.1c, 315.1c	T119C, C146T, C152T, A189G, T204C, G507A, A247G, 309.1c, 315.1c	35-397	W1b	W	W	E1E1b1a1a17	-	-
Veszprém-Júbsai út	Hungary	VEJ5	219	5	M38 Iseae	M37	16069f, 16126c	C16069F, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16014-16405	-	-	-	-	J	J	J	G2a	-	-
Veszprém-Júbsai út	Hungary	VEJ6	228	6	M37	M38	16066g, 16029a, 16183c, 16189c, 16234f, 16274a	A16066G, T16029A, T16183C, T16189C, T16223C, G16230A, C16234T, T16274A, T16278C, C16311T	15997-16409	-	-	-	-	U8b1a1	U8b	U	-	-	-
Veszprém-Júbsai út	Hungary	VEJ7	229	7	M38	M37	16094c, 16178c, 16183c, 16189c, 16234f, 16324c	T16094C, A16129G, T16178C, T16183C, T16189C, T16223C, G16230A, C16234T, T16278C, C16311T, T16324c	16013-16409	73g, 195c, 263g	315.1c	C146T, C152T, A247G, 315.1c	51-397	U8b1b1	U8b	U	-	-	-
Veszprém-Júbsai út	Hungary	VEJ8	158	8	Tibia r.	Tibia l.	-	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16016-16409	263g	309.1c, 315.1c	G73A, C146T, C152T, C195T, A247G, 309.1c, 315.1c	34-397	H	H	H	-	-	-
Veszprém-Júbsai út	Hungary	VEJ12	562	15	M16	M18	16172c, 16188c, 16234f, 16311c, 16352c	A16129G, T16172C, T16187C, T16223C, G16230A, C16234T, T16278C, T16352C	15999-16409	-	-	-	-	U8b1a2b	U8b	U	F*	-	-
Veszprém-Júbsai út	Hungary	FEB1	38	1	M26	M27	16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16006-16406	-	-	-	-	HV	HV	HV	-	-	-
Veszprém-Júbsai út	Hungary	FEB2	38	2	M85	M75	16126c, 16294f, 16298f, 16304c	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16298T, T16304C, C16311T	16009-16401	-	-	-	-	T2b	T2b	T	-	-	-
Veszprém-Júbsai út	Hungary	FEB3	100	PM44	M46		-	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15997-16406	-	-	-	-	H	H	H	J2	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRSB	Range HVS-I	HVS-II compared to CRS	Uninformative sites HVS-II compared to RRSB	HVS-II compared to RRSB	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22	Y-chromosomal haplogroup	H-plex UPlex	UR_9698
Veszprém-Jutasút	Hungary	FEB4	133	M36	M75	Femur r.	162701.16274b.16311c.16362c.	A16129GT16187C.C16189TT16223C.G16230A.C16270T.G16274A.T16278C.T16302C	16012–16409	–	–	–	–	U5b	U5b	U	–	–	–
Veszprém-Jutasút	Hungary	FEB5	42	Femur r.	Femur l.	Femur r.	16093c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16003–16409	–	–	–	–	H	H	H	–	–	–
Bátaszék-Lajvér	Hungary	BAL1	26	M36	M35	Femur l.	16093c.16224c.16311c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.G16294T.C16298T.C16311T	16045–16401	73g.199c.263g	315.1c	C146TC152TA247G.315.1c	34–382	K1a1	K	K	–	–	–
Bátaszék-Lajvér	Hungary	BAL2	27	M47	M46	Femur l.	16126c.16189c.16294.16296f.	T16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16294T.C16298T.C16311T	–	–	–	–	–	–	–	–	H	–	–
Bátaszék-Lajvér	Hungary	BAL3	35	M46	M47	Femur l.	16126c.16189c.16294.16296f.	T16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16294T.C16298T.C16311T	16046–16401	73g.263g	309.1c.315.1c	C146TC152TA247G.309.1c	46–384	TZf	TZf	T	F*	–	–
Bátaszék-Lajvér	Hungary	BAL4	36	M46	M47	Femur l.	16126c.16147f.16294f.16296f.16297c.16304c.	T16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16294T.C16298T.C16311T	16057–16401	–	–	–	–	T2b23	T2b	T	–	–	–
Bátaszék-Lajvér	Hungary	BAL5	38	M46	M47	Femur l.	16069f.16126c.	C16069TT16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16013–16401	–	–	–	–	J	J	J	–	–	–
Bátaszék-Lajvér	Hungary	BAL6	39	M46	M47	Femur l.	16093c.16224c.16311c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16034–16409	73g.114f.263g	315.1c	C114TC146TC152TA247G.315.1c	59–397	K1a1	K	K	–	–	–
Bátaszék-Lajvér	Hungary	BAL7	40	M36	M38	Femur l.	16069f.16126c.	C16069TT16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16032–16401	73g.185a.228a.263g.295f.	309.1c.315.1c	C146TC152TA247G.309.1c.315.1c	35–382	J1c	J	J	–	–	–
Bátaszék-Lajvér	Hungary	BAL8	49	M85	M84	Femur l.	16093c.16224c.16311c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16057–16401	73g.114f.263g	315.1c	C114TC146TC152TA247G.315.1c	60–384	K1a1	K	K	–	–	–
Bátaszék-Lajvér	Hungary	BAL9	65	Femur r.	M36	Femur r.	16384c	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16304C.C16311T	16046–16401	263g	315.1c	G73A.C146TC152TA247G.315.1c	34–397	H5	H5	H	F*	–	–
Bátaszék-Lajvér	Hungary	BAL10	66	M36	M35	Femur l.	16093c.16224c.16311c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16046–16409	73g.199c.263g	315.1c	C146TC152TA247G.315.1c	46–376	K1a1b1a	K	K	–	–	–
Bátaszék-Lajvér	Hungary	BAL11	68	M36	M37	Femur l.	16093c.16224c.16311c	T16093CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16051–16402	73g.199c.263g	315.1c	C146TC152TA247G.315.1c	34–397	K1a1b1a	K	K	F*	–	–
Bátaszék-Lajvér	Hungary	BAL12	69	M46	M47	Femur l.	16298c	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16298C.C16311T	16046–16409	–	–	–	–	HV0	HV0	HV	F*	–	–
Bátaszék-Lajvér	Hungary	BAL13	71	Femur r.	Tibia l. C	Femur r.	16384c	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16304C.C16311T	16025–16409	263g	315.1c	G73A.C146TC152TA247G.315.1c	34–397	H5	H5	H	F*	–	–
Bátaszék-Lajvér	Hungary	BAL14	72	M46	M48	Femur l.	16069f.16126c.16288t.	C16069TT16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16288T.C16311T	16020–16409	–	–	–	–	J	J	J	–	–	–
Bátaszék-Lajvér	Hungary	BAL15	76	M46	M47	Femur l.	16126c.16189c.16294.16296f.	T16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16294T.C16298T.C16311T	16055–16401	73g.263g	309.1c.315.1c	C146TC152TA247G.309.1c.315.1c	61–394	TZf	TZf	T	–	–	–
Bátaszék-Lajvér	Hungary	BAL16	89	M46	M48	Femur l.	16147A.16172c.16223t.16248t.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16147A.T16172C.T16187C.C16189TT16223C.G16230A.T16278C.C16311T	16024–16409	–	–	–	–	N1a1a1	N1a1a1	N1a	N1a	–	–
Bátaszék-Lajvér	Hungary	BAL17	18	Humerus l.	Femur l.	Femur l.	–	–	–	–	–	–	–	–	–	–	–	–	–
Bátaszék-Lajvér	Hungary	BAL18	34	Femur l.	M47/48f	Femur l.	16192f.16270t.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16192T.T16223C.G16230A.T16278C.C16311T	16020–16400	–	–	–	–	U5	U5	U	–	–	–
Bátaszék-Lajvér	Hungary	BAL19	41	M46f	Femur l. M36f	Femur l.	16311c	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16025–16405	–	–	–	–	HV	HV	HV	–	–	–
Bátaszék-Lajvér	Hungary	BAL21	50	M16	M18	Femur l.	16126c.16294.16304c.	T16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16294T.C16304C.C16311T	16046–16409	–	–	–	–	T2b	T2b	T	–	–	–
Bátaszék-Lajvér	Hungary	BAL22	51	M26	M27	Femur l.	16069f.16126c.	C16069TT16126CA16129GT16187C.C16189TT16223C.G16230A.T16278C.C16311T	16007–16409	73g.185a.228a.263g.295f.	315.1c	C146TC152TA247G.315.1c	46–397	J1c	J	J	–	–	–
Bátaszék-Lajvér	Hungary	BAL24	70	M26	M28	Femur l.	16183c.16189c.16248.16249c.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16183T.C16189TT16223C.G16230A.T16278C.C16311T	16006–16404	–	–	–	–	U8b1b	U8b	U	–	–	–
Bátaszék-Lajvér	Hungary	BAL26	94	Femur l.	Femur r.	Femur l.	16147A.16172c.16223t.16248t.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16147A.T16172C.T16187C.C16189TT16223C.G16230A.T16278C.C16311T	16023–16401	–	–	–	–	N1a1a1	N1a1a1	N1a	N1a	–	–
Bátaszék-Lajvér	Hungary	BAL27	97	Femur r.	Femur l.	Femur l.	16224c.16311c.16319a.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16224C.G16230A.T16278C.C16311T	16019–16401	–	–	–	–	K1b1a	K	K	–	–	–
Alsónyék-Bátaszék, Mémőkői telep	Hungary	BAM27	1535	Paris petrosza 2x	Femur r.	Femur r.	16147A.16172c.16223t.16248t.	A16129GT16187C.C16189TT16223C.G16230A.T16278C.C16147A.T16172C.T16187C.C16189TT16223C.G16230A.T16278C.C16311T	16057–16401	–	–	–	–	N1a1a1	N1a1a1	N1a	N1a	–	–

Suppl. Tab. 4. (continued).

Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS1 compared to CBS	HVS1 compared to BSIS	Range HVS1	HVS-II compared to CBS	Uninformative sites HVS-II compared to CBS	HVS-I compared to BSIS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	GenoCore22 group	Y-chromosomal haplogroup	H-Plus U-Plus	UB_9598
Hungary	Börki	3.	M46	M48	1624c:1631c:1639a	A16129G T16187C C16189T T16223C G16230A T16278C G16398A	16046-16401	-	-	-	-	-	K	K	K	-	-	-
Hungary	Csati	1	M16	Femur I.	16147A:16172c:16193a:16223a:16248f:16355x	A16129G C16147A T16172C T16187C C16189T C16193T G16230A C16248T T16278C C16294T C16311T C16355T	16034-16409	-	-	-	-	-	N1a1a1	N1a	NI	-	-	-
Hungary	Csati	2	M17	Femur r.	16093c	T16093C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16022-16409	-	-	-	-	-	H	H	H	-	-	-
Hungary	Csati	4	M26	M27	16298c	A16129G T16187C C16189T T16223C G16230A T16278C T16298C C16311T	16046-16409	72c:263g	309.2c:315.1c	T72C G73A C146T C152T C195T A247G:309.2c:315.1c	35-397	HWO	HWO	HW	HW	-	-	-
Hungary	Csati	7	M36	M38	16093c:16311c	T16093C A16129G T16187C C16189T T16223C G16230A T16278C	16020-16401	-	-	-	-	-	H	H	H	-	-	-
Hungary	Csati	9	M46	M47	16126c:16292a:16294t	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	16019-16401	73g:146c:152c:263g:279c	309.1c:315.1c	C195T A247G:729C:309.1c:315.1c	34-397	Tzcid2	Tzc	T	T	-	-	-
Hungary	Csati	10	M36	M37	16192f:16256a:16270t	A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	15999-16409	72c:263g ¹	315.1c	T72C G73A C146T C152T C195T A247G:315.1c	-	Usa	Usa	U	U	-	-	-
Hungary	Csati	11	Femur I.	Tibia L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	Csati	12	Femur r.	Tibia	16093c:16129a	T16093C T16187C C16189T T16223C G16230A T16278C C16311T	16019-16401	-	-	-	-	-	H	H	H	-	-	-
Hungary	Csati	13.2	M167	M177	16126c:16292a:16294t	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	15999-16409	73g:146c:152c:263g:279c	309.1c:315.1c	A247G:729C:309.1c:315.1c	34-397	Tzcid2	Tzc	T	T	-	-	-
Hungary	Csati	14.1	M46	m85	16093c:1624c:16311c	T16093C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	15999-16409	73g:146c:152c:263g:279c	315.1c	C114T C146T C152T C195T A247G:315.1c	39-397	K1a1	K	K	K	-	-	-
Hungary	Csati	15	Femur r.	Femur I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	Csati	15	M46	M47	16183c:16189c:16223a:16278t	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16021-16401	-	-	-	-	-	X	X	X	X	-	-
Hungary	Csati	16	M36	M37	16093c:1624c:16311c	T16093C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	16020-16401	73g:195c:263g:315.1c	315.1c	C146T C152T A247G:315.1c	34-397	K1a	K	K	K	-	-	-
Hungary	Csati	16	M26	M28	16298c	A16129G T16187C C16189T T16223C G16230A T16278C T16298C C16311T	16020-16401	72c:263g	309.2c:315.1c	T72C G73A C146T C152T C195T A247G:309.2c:315.1c	45-397	HWO	HWO	HW	HW	-	-	-
Hungary	Csati	17	M16	M48	16129a	T16187C C16189T T16223C G16230A T16278C C16311T	15997-16409	263g ²	309.1c:315.1c	G73A C146T C152T C195T A247G:309.1c:315.1c	-	H	H	H	H	G2a?	-	-
Hungary	Csati	18	M46	M48	-	-	-	-	-	-	-	-	H	H	H	H	F*	-
Hungary	Csati	19	M46	M47	16147A:16172c:16223a:16248f:16355x	A16129G C16147A T16172C T16187C C16189T C16193T G16230A C16248T T16278C C16311T C16355T	15998-16401	-	-	-	-	-	N1a1a1	N1a	NI	-	-	-
Hungary	Csati	20	M36	m75	16304c	A16129G T16187C C16189T T16223C G16230A T16278C T16304C C16311T	15999-16409	-	-	-	-	-	H5	H5	H	H	-	-
Hungary	Csati	21	M36	M46	16126c:16292a:16294t	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	15999-16409	73g:146c:152c:263g:279c	309.1c:315.1c	A247G:729C:309.1c:315.1c	36-397	Tzcid2	Tzc	T	T	-	-	-
Hungary	Csati	23	Femur r.	Femur L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	Csati	24	M26	M28	16086c:16147a:16172c:16223a:16248f:16320t:16355x	T16086C A16129G C16147A T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	15999-16401	-	-	-	-	-	N1a1a1a	N1a	NI	G2a	-	-
Hungary	Csati	25	Pars petrosa L.	Pars petrosa r.	16126c:16294t:16298t:16304c	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16294T C16298T T16304C C16311T	15999-16409	-	-	-	-	-	T2b	T2b	T	I2	-	-
Hungary	Csati	26	M46	M17	16126c:16147a:16294t:16298t:16297c:16304c	T16126C A16129G C16147A T16172C T16187C C16189T G16230A T16278C C16294T C16298T T16297C C16304C C16311T	15999-16409	-	-	-	-	-	T2b23	T2b	T	-	-	-
Hungary	Csati	27	M26	M27	16126c:16292a:16294t	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	15999-16409	73g:146c:152c:263g:279c	309.1c:315.1c	C195T A247G:729C:309.1c:315.1c	36-397	Tzcid2	Tzc	T	T	-	-	-
Hungary	Csati	30	PM24	PM25	16147A:16172c:16223a:16248f:16355x	A16129G C16147A T16172C T16187C C16189T C16193T G16230A C16248T T16278C C16311T C16355T	16001-16409	-	-	-	-	-	N1a1a1	N1a	NI	-	-	-
Hungary	Csati	31	M27	M28	16129a:16171g:16192t:16270t	A16171G T16187C C16189T C16192T T16223C G16230A C16270T T16278C C16311T	15999-16409	73g:150a:263g:309.1c:315.1c	315.1c	C146T C150T C152T C195T A247G:309.1c:315.1c	34-397	Usb	Usb	U	U	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-I compared to CRS	Uninformative sites HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Corr22	Y-chromosomal haplogroup	HPlex U-Plex	UR_9698	
Coabli-Tizöldöm, B1	Hungary	CSAT31	32	M26	m65		16129a, 16171g, 16192t, 16270t	A16129G, T16187C, C16189T, T16223C, G16230A, C16230A, C16230A, C16311T	15999–16409	73g, 150t, 263g	309t, 1c, 315t, 1c	C146T, C150T, C152T, C195T, A247G, 309t, 1c, 315t, 1c	35–397	U5b	U5b	U				
Módság-Tizöldöm, B1	Hungary	MORT1	15	Femur?	C13			A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15997–16409					H5	H5	H				
Módság-Tizöldöm, B1	Hungary	MORT2	16	M47	m47		16304c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15997–16409											
Módság-Tizöldöm, B1	Hungary	MORT3	36	Femur, l.	Femur, l.			A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15996–16401											
Módság-Tizöldöm, B1	Hungary	MORT4	43	M26	m75		16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15996–16401											
Módság-Tizöldöm, B1	Hungary	MORT5	44	Femur, l.	Femur, l.		16086c, 16147a, 16172c, 16223t, 16248t, 1620t, 16355t	T16086C, A16129G, C16147a, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16355T	16021–16401						N1a1a	N1a	NI			
Módság-Tizöldöm, B1	Hungary	MORT6	46	m75	m74		16093c, 16224c, 16311c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15999–16409	73g, 114t, 263g	315t, 1c	C114T, C146T, C152T, C195T, A247G, 315t, 1c	34–397	K1a1	K	K				
Módság-Tizöldöm, B1	Hungary	MORT7	47	M46	M47		16147a, 16172c, 16223t, 16248t, 1620t, 16355t	A16129G, C16147a, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16355T	16046–16402											
Módság-Tizöldöm, B1	Hungary	MORT8	48	M36	M37		16089t, 16126c	C16089T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16020–16402						J	J	J			
Módság-Tizöldöm, B1	Hungary	MORT9	51	m65	m64		16093c, 16311c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15999–16409	263g	315t, 1c	G73A, C146T, C152T, C195T, A247G, 315t, 1c	35–397	H3b2	H	H				
Módság-Tizöldöm, B1	Hungary	MORT11	55	M46	I21		16093c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16019–16409	152c, 263g	315t, 1c	G73A, C146T, C152T, C195T, A247G, 315t, 1c	35–397	H	H	H				
Módság-Tizöldöm, B1	Hungary	MORT12	56	M46	M47		16147a, 16172c, 16223t, 16248t, 1620t, 16355t	A16129G, C16147a, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16355T	16000–16409						N1a1a	N1a	NI			
Módság-Tizöldöm, B1	Hungary	MORT13	57	M37	M38		16093c, 16311c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16046–16409						H	H	H			
Módság-Tizöldöm, B1	Hungary	MORT15	59	M18	M36		16224c, 16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15999–16409	73g, 152c, 195c, 263g	315t, 1c	C146T, A247G, 315t, 1c	36–397	K	K	K				
Módság-Tizöldöm, B1	Hungary	MORT16	60	mE5	mE4		16093c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16020–16401						H	H	H			
Módság-Tizöldöm, B1	Hungary	MORT18	63	m75	M36		16093c, 16224c, 16311c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15999–16409	73g, 114t, 263g	315t, 1c	C114T, C146T, C152T, C195T, A247G, 315t, 1c	35–397	K1a1	K	K				
Módság-Tizöldöm, B1	Hungary	MORT19	65	M36	M37		16224c, 16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	15999–16409	73g, 144c, 152c, 263g	309t, 1c, 315t, 1c	C195T, A247G, 309t, 1c, 315t, 1c	36–397	K1c	K	K				
Módság-Tizöldöm, B1	Hungary	MORT21	67	M36	M37		16093c, 16224c, 16311c	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16018–16404						K1a	K	K			
Módság-Tizöldöm, B1	Hungary	MORT25	81	M36	M46			A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15997–16409	263g	315t, 1c	G73A, C146T, C152T, C195T, A247G, 315t, 1c	36–397	H	H	H				
M85 Eneoliteúföld, Kóny, Proleter-dűb II	Hungary	KON7	826				16126c, 16188t, 16294t, 16296t	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, C16311T	16048–16401					TZf	T	T				
M85 Eneoliteúföld, Kóny, Proleter-dűb II	Hungary	KON2	223				16224c, 16311c, 16398a	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16398A	16057–16401						K	K	K			
Veszprém-Jutas út	Hungary	VEJ9	280	M46	M85			A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16017–16409	263g	309t, 1c, 315t, 1c	G73A, C146T, C152T, C195T, A247G, 309t, 1c, 315t, 1c	39–397	H	H	H	C			
Veszprém-Jutas út	Hungary	VEJ10	555	M36	M38		16231t, 16292t	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15999–16409	73g, 119c, 152c, 189g, 195c, 204c, 207a, 263g	309t, 1c, 315t, 1c	T119C, C146T, A189G, T204C, G207A, A247G, 309t, 1c, 315t, 1c	34–397	W1b	W	W				
Veszprém-Jutas út	Hungary	VEJ11	556	M46, bossé	M48, bossé		16231t, 16292t	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15999–16409	73g, 119c, 152c, 189g, 195c, 204c, 207a, 263g	309t, 1c, 315t, 1c	T119C, C146T, A189G, T204C, G207A, A247G, 309t, 1c, 315t, 1c	34–397	W1b	W	W				
Kecskhely-Fenekpuszta, Püsztaszentgyörgyi-dűb	Hungary	KEFP1	45	01.01.00	M65	M64	16157c, 16311c	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16002–16409					HV	HV	HV				
Kecskhely-Fenekpuszta, Püsztaszentgyörgyi-dűb	Hungary	KEFP2	45	02.01.00	Pais, petrosz. l.	Pais, petrosz. l.	16069t, 16126c, 16193t, 16278t	C16069T, T16126C, A16129G, T16187C, C16189T, G16230A, T16278C, C16311T	16012–16409						Zb1a	J	J			
Kecskhely-Fenekpuszta, Püsztaszentgyörgyi-dűb	Hungary	KEFP3	45	03.01.00	M46	PM24	16126c, 16163g, 16188t, 16189c, 16294t	T16126C, A16129G, A16163G, C16188T, T16187C, T16223C, G16230A, T16278C, C16294T, C16311T	16027–16409						T1a	T	T			

Suppl. Tab. 4. (continued).

Site	Country	Laboratory number	Feature	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	Range HVS-I compared to CRS	Uninformative sites-HVS-I compared to CRS	HVS-II compared to RSRS	Range HVS-II compared to CRS	Mitochondrial haplogroup	Macro-haplogroup	Geno-Core22 group	Y-chromosomal haplogroup	H-plex U-Plex	UR_9698
Keszthely-Fenekpuszta Pusztaszentgyörgyi dűlő	Hungary	KEP4	45	04.01.00	M16	M28		16291T C16291T C16311T	A16129GT16187C C16189TT16223C G16230AT16278C	16016-16409	3151C	G73A C146T C152T C185T A247G	37-390	H	H	H	-	-	-
	Hungary	KEP5	45	05.01.00	M65	M55		16126C 16294T 16298T 16301T	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16294T C16296T C16301T C16311T	16000-16409	-	-	T2	T2	T	-	-	-	
	Hungary	KEP6	45	06.01.00	M46	PM44		-	-	-	-	-	-	-	-	-	-	-	-
	Hungary	KEP7	45	07.01.00	m65	m64		-	-	-	-	-	-	-	-	-	K	-	-
	Hungary	KEP13	45-tray find	08.01.00	M36	M38		16291T	A16129GT16187C C16189TT16223C G16230AT16278C C16291T C16311T	16022-16409	3151C	G73A C146T C152T C185T A247G	35-394	H	H	H	-	-	
	Hungary	TOLna-Mész	TOLM1	162		Femur	Incisivus maxilla	-	-	-	-	-	-	-	-	-	H	-	-
	Hungary	TOLna-Mész	TOLM2	306		M46	M48	16126C 16294T 16298T 16299T	T16126CA16129GT16187C C16189TT16223C G16230A T16278C C16294T C16296T C16311T	16013-16409	-	-	T2c	T2c	T	-	-	-	
	Hungary	Lányosok, Csaba-ajla	M6-116.12	221		M37	M36	16126C 16189C 16294T 16298T 16299T	T16126CA16129GT16187C C16189TT16223C G16230AT16278C C16294T C16296T C16311T	16046-16401	-	-	T2f	T2f	T	-	-	-	
	Hungary	Berettyófalva, Nagy-Bécs dűlő	BEM01	368	27	M46	M48	-	A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16019-16409	-	-	H1	H1	H	H	-	H1	-
	Hungary	Berettyófalva, Nagy-Bécs dűlő	BEM09	2142	940	Paris petrosal.	Paris petrosal.	-	-	-	-	-	-	-	-	-	-	-	-
Hungary	Berettyófalva, Nagy-Bécs dűlő	BEM10	2146	941	PM loose piece of molar	piece of jawbone	-	-	-	-	-	-	-	-	-	-	-	-	
Hungary	Berettyófalva, Nagy-Bécs dűlő	BEM11	2304	998	piece of femur	piece of femur	-	-	-	-	-	-	-	-	(W)	-	-	-	
Hungary	Dacsok-1. omlóút	DES06	6	M46	M38	Femur	16298C	A16129GT16187C C16189TT16223C G16230AT16278C T16298C C16311T	15997-16409	-	-	V	V	V	V	-	-	-	
Hungary	Hódmezővásárhely-Köbucpart	HOKO01	318	112	M18	M16	-	A16129GT16187C C16189TT16223C G16230AT16278C C16311T	16020-16407	-	-	H	H	H	H	-	-	-	
Hungary	Maoalele-Pana	MAP01	1	Femur.l.	long bone	-	16093C 16126C 16294T 16296T 16304C	T16093CA16129GT16187C C16189TT16223C G16230AT16278C C16294T C16296T C16304C C16311T	15997-16409	-	-	T2b	T2b	T	-	-	-		
Hungary	Maoalele-Pana	MAP02	2	Femur.l.	long bone	-	16093C 16126C 16294T 16296T 16304C	T16093CA16129GT16187C C16189TT16223C G16230AT16278C C16294T C16296T C16304C C16311T	15997-16409	-	-	T2b	T2b	T	-	-	-	-	
Hungary	Maoalele-Pana	MAP03	3	Humerus.l.	piece of tibia	-	16126C 16189C 16294T 16296T	T16126CA16129GT16187C C16189TT16223C G16230AT16278C C16294T C16296T C16311T	15997-16409	-	-	T2f	T2f	T	-	-	-	-	
Hungary	Maoalele-Pana	MAP05	5	Femur.r.	long bone	-	-	-	-	-	-	-	-	nd	-	H	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM01	83	Femur.r.	Femur.l.	Femur.l.	16093C	T16093CA16129GT16187C C16189TT16223C G16230A T16278C C16311T	15998-16409	263G 3151C	-	344-397	H	H	H	-	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM02	162	Paris petrosal.	Femur.r.	Femur.r.	-	-	-	-	-	-	-	nd	-	(K)	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM03	165	Femur.r.	Femur.l.	Femur.l.	16093C 16224C 16311C	T16093CA16129GT16187C C16189TT16223C G16230A T16278C	16046-16401	73G 263G 3151C	-	-	344-397	K1a	K	K	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM04	166	m75	Paris petrosal.	m85	16093C 16224C 16311C	T16093CA16129GT16187C C16189TT16223C G16230A T16278C	15998-16401	73G 263G 3151C	-	-	344-397	K1a	K	K	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM05	167	Paris petrosal.	Humerus.l.	Humerus.l.	16093C 16224C 16311C	T16093CA16129GT16187C C16189TT16223C G16230A T16278C	15998-16401	73G 114T	-	263G 3151C	344-397	K101	K	K	-	-	
Hungary	Törökcsentmiklős-Tiszapüspöki, keanacs háromág. 3. lh.	TOSM06	168	Femur.l.	Femur.r.	Femur.r.	16093C 16224C 16311C	T16093CA16129GT16187C C16189TT16223C G16230A T16278C	16042-16409	73G 263G 3151C	-	-	344-398	K1a	K	K	-	-	

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-II compared to CRS	Informative sites HVS-II compared to CRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Coll22	Y-chromosomal haplogroup	H-Plex	U-Plex	U8_9698
Tonokszentmiklós-Tiszapüspöki, Kannacs háromág, 3. ft.	Hungary	TOSM07	169	Femur r.	Humerus l.		16179T, 16189C, 1623T, 16278T, 16362C	A16129G, C16179TT, 16187C, G16230A, C16311TT, 16362C	16118–16401				X	X	k				
Tiszszőlős, Domaháza pusztá, Réti-éülő	Hungary	TIDO02	2	M26	PM44	Femur l.	16174T, 16224C, 16311C	A16129G, C16174TT, 16187C, C16189TT, 16223C, T16224C, G16230A, T16278C	16046–16401				K	K	K				
Tiszszőlős, Domaháza pusztá, Réti-éülő	Hungary	TIDO03	5	M16	M17		16069T, 16126C	C16069T, T16126C, A16129G, C16187C, C16189TT, 16223C, G16230A, T16278C, C16311T	16046–16401				J	J	J				
Füzesabony-Gubakút	Hungary	FUG001	1	canine	PM	Femur													
Füzesabony-Gubakút	Hungary	FUG002	2	Humerus	M36/46	Femur l.													
Füzesabony-Gubakút	Hungary	FUG003	3	M46	M47	Femur	16147A, 16172C, 16223T, 16248T	A16129G, C16147A, T16172C, T16187C, C16189TT, 16223C, G16230A, C16248T, T16278C, C16311T	16020–16397				N1a1a1	N1a	N1				
Füzesabony-Gubakút	Hungary	FUG004	4	M16	M36	Femur	16126C, 16292T, 16294T	T16126C, A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, C16292T, C16294T, C16311T	16019–16400				T2c1	T2c	T				
Füzesabony-Gubakút	Hungary	FUG005	5	M17	M18	Femur l.		A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, C16311T	16019–16401				H	H	H				
Füzesabony-Gubakút	Hungary	FUG006	6	Humerus	long bone														
Füzesabony-Gubakút	Hungary	FUG007	7	M36	M46	piece of long bone													
Füzesabony-Gubakút	Hungary	FUG008	8	m54/64	m75	m85	16147A, 16172C, 16223T, 16248T, 16320T, 16355T	A16129G, C16147A, T16172C, T16187C, C16189TT, 16223C, G16230A, C16248T, T16278C, C16311T, G16320T, C16355T	16019–16400				N1a1a1	N1a	N1				
Füzesabony-Gubakút	Hungary	FUG009	9	M36	M46	Femur l.	16126C, 16292T, 16294T, 16296T	T16126C, A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, C16292T, C16294T, C16296T, C16311T	16019–16401				T2c1	T2c	(T)				
Füzesabony-Gubakút	Hungary	FUG010	10	M38	M48	Femur l.	16304C, 16335G	A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, T16304C, C16311T, A16335G	16019–16395				H5	H5	H				
Füzesabony-Gubakút	Hungary	FUG011	12	M26	M36/46	piece of long bone	16129A, 16224C, 16311C	T16187C, C16189TT, 16223C, T16224C, G16230A, T16278C	16019–16401				K2b1b	K	K				
Füzesabony-Gubakút	Hungary	FUG012	13	m54/64	m75/85	51/61	16126C, 16147T, 16294T, 16296T, 16297C, 16304C	T16126C, A16129G, C16147T, T16187C, C16189TT, 16223C, G16230A, T16278C, C16294T, C16296T, T16297C, T16304C, C16311T	16001–16401				T2b23	T2b	T				
Mezőbóvőd-Mecsekyás	Hungary	MEM001	32	M26	M36	M28	16311C	A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C	15999–16406				HV	HV	HV				
Mezőbóvőd-Mecsekyás	Hungary	MEM002	2	103 (lower body), 75a (upper body)	PM r-Pieft.	r-Pieft.	16095C, 1624C, 16293T, 16311C	T16095C, A16129G, T16187C, C16189TT, 16223C, T1624C, G16230A, C16293T, 16278C, C16311T	15999–16404				K1a	K	K				
Mezőbóvőd-Mecsekyás	Hungary	MEM003	3	106	Paris petrosa l.	Paris petrosa l.	16132T, 16256T, 16270T	A16129G, T16187C, C16189TT, 16223C, G16230A, C16256T, C16270T, T16278C, C16311T	15998–16404				U5b	U5a	K				
Mezőbóvőd-Mecsekyás	Hungary	MEM004	6	M37	M47	bone													
Mezőbóvőd-Mecsekyás	Hungary	MEM005	5a	2006.69.6	M46	M47	16069T, 16126C	C16069T, T16126C, A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, C16311T	16019–16403				J	J	J				
Mezőbóvőd-Mecsekyás	Hungary	MEM006	7	190	Paris petrosa l.	Paris petrosa l.	16153A, 16298C	A16129G, C16153A, T16187C, C16189TT, 16223C, G16230A, T16278C, T16298C, C16311T	15999–16404				V7a	V	V				
Mezőbóvőd-Mecsekyás	Hungary	MEM007	8	192	M26	M27	16311C	A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C	16022–16404					HV	HV	HV			
Mezőbóvőd-Mecsekyás	Hungary	MEM008	9	193	Deciduous molar	Deciduous molar		A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, C16311T	16019–16403					H	H	H			
Mezőbóvőd-Mecsekyás	Hungary	MEM009	10	194	C	C	16304C	A16129G, T16187C, C16189TT, 16223C, G16230A, T16278C, T16304C, C16311T	15998–16405					H5	H5	H			
Mezőbóvőd-Mecsekyás	Hungary	MEM010	11	195	M16	M46													
Mezőbóvőd-Mecsekyás	Hungary	MEM011	12	196	M27	Femur	B1/41												

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-II compared to CRS	Uniformative sites HVS-II compared to CRS	HVS-II compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoR22	Y-chromosomal haplogroup	H-Plex U-Plex	UB_9698
Mazköved-Mocsolyás	Hungary	MEMO12	13	197	M26	M16	Mandibular PM	-	-	-	-	-	-	U5a	U5a	U	-	U5a	A
Mazköved-Mocsolyás	Hungary	MEMO13	14	198	m65	L70 Paris petrosa	16189C	A16129GT16187CT1623CG16230AT16278C	15998-16404	-	-	-	-	H7	H	H	-	H7	-
Mazköved-Mocsolyás	Hungary	MEMO14	17	216	Tibial.	Tibiar.	16359C	A16129GT16187CT16189T16223CG16230AT16278C	15998-16401	-	-	-	-	U4	U4	U	-	U4	A
Mazköved-Mocsolyás	Hungary	MEMO15	18	237	M47	Femur.L	16311C	A16129GT16187CT16189T16223CG16230AT16278C	15998-16401	-	-	-	-	R1	R1/R3	R	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO16	19	341	PM24	C23	Mandibular PM	A16129GT16187CT16189T16223CG16230AT16278C	16021-16401	-	-	-	-	H	H	H	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO17	20	344	Femur.r.	Femur.L	16134T, 16356C	A16129GT16187CT16189T16223CG16230AT16278C	16019-16401	-	-	-	-	U4a1	U4	U	-	U4	A
Mazköved-Mocsolyás	Hungary	MEMO18	21	352	Femur.L	Femur.r.	16093C, 16224C, 16311C	T16093CA16129GT16187CT16189T16223CG16230AT16278C	16019-16401	-	-	-	-	K1a	K	k	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO19	22	353	Tibial.L	Tibial.r.	16093C, 16224C, 16311C	T16093CA16129GT16187CT16189T16223CG16230AT16278C	16019-16403	-	-	-	-	K1a	K	K	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO20	23	365	M36	PM14	16224C, 16311C	A16129GT16187CT16189T16223CG16230AT16278C	16001-16404	-	-	-	-	K	K	K	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO21	23	365	m54	m55	16304C	A16129GT16187CT16189T16223CG16230AT16278C	16019-16403	-	-	-	-	H5	H5	H	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO22	24	383	M36/46	M18/28	16180C, 16189C, 16223T, 16278T	A16129GT16187CT16189T16223CG16230AT16278C	16022-16401	-	-	-	-	X	X	X	-	-	-
Mazköved-Mocsolyás	Hungary	MEMO23	24	383	m84	m85	16270T, 16274A, 16311C, 16303C	A16129GT16187CT16189T16223CG16230AT16278C	15997-16401	-	-	-	-	U5b	U5b	U	-	U5b	A
Mazköved-Mocsolyás	Hungary	MEMO24	25	448	M16	M27	16182C, 16183C, 16189C, 16234T, 16324C	A16129GT16187CT16189T16223CG16230AT16278C	15997-16401	-	-	-	-	U8b1b	U8	U	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO03	46		Humerus.l.	Femur.r.	-	A16129GT16187CT16189T16223CG16230AT16278C	16019-16401	-	-	-	-	H	H	h	-	H1	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO04	47		Humerus.r.	Femur.l.	-	-	-	-	-	-	-	-	-	(N1)	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO05	48		M1 (46)	M2 (47)	M3 (48)	C16099T16126C	15999-16409	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO06	55		M2 (37)	M1 (26)	M2 (27)	C16099T16126C	16046-16401	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO07	65		Femur.l.	Humerus.r.	-	-	-	-	-	-	-	-	-	U)	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO08	75		M2 (65)	M2 (85)	r-Ppetr.	C16099T16126CA16129GT16187CT16189T16223CG16230AT16278C	16046-16401	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO10	81		M1 (26)	M2 (47)	M38	C16099T16126C	15999-16396	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO11	95		M1 (46)	M2 (47)	M38	T16126CA16129GT16187CT16189T16223CG16230AT16278C	16046-16401	-	-	-	-	T2b23	T2b	T	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO12	97		Femur.r.	M2 (27)	C123.7)	C16126CA16129GT16187CT16189T16223CG16230AT16278C	16019-16398	-	-	-	-	U5b	U5b	U	-	U5b	A
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO13	111		M1 (45)	M2 (27)	M3 (28)	C16099T16126CA16129GT16187CT16189T16223CG16230AT16278C	16020-16401	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO14	116		Humerus.l.	Humerus.r.	-	-	-	-	-	-	-	-	-	-	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO15	121		Parapetosa L	M2 (85)	M2 (75)	C16099T16126CA16129GT16187CT16189T16223CG16230AT16278C	16019-16404	-	-	-	-	J	J	J	-	-	-
Abony, Serekszék-dűlő 60. lh.	Hungary	ABO16	122		M1 (46)	M2 (47)	M3 (48)	C16099T16126CA16129GT16187CT16189T16223CG16230AT16278C	15999-16409	-	-	-	-	J2b1a	J	J	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RSRS	HVS-II compared to RSRS	Range HVS-I	HVS-II compared to CRS	Uninformative sites HVS-II compared to RSRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Coll22	Y-chromosomal haplogroup	H-Plex	U8_9698
Abony, Szekszék-dűlő 60. lh.	Hungary	ABO17	135	M2 (37)	M1 (36)	M16/M17	16126C, 16147T, 16294T, 16296T, 16297C, 16304C	T16126C, A16129G, C16147T, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16297C, T16299C, C16311T	T16126C, A16129G, C16147T, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16297C, T16299C, C16311T	16021-16401	-	-	-	T2b23	T2b	T	-	-	-
Abony, Szekszék-dűlő 60. lh.	Hungary	ABO19	149	Femur r.			16192T, 16270T	A16129G, T16187C, C16189T, C16192T, T16223C, G16230A, C16270T, T16278C, C16311T	A16129G, T16187C, C16189T, C16192T, T16223C, G16230A, C16270T, T16278C, C16311T	15998-16409	-	-	-	U5b	U5b	U	-	-	U5b
Adács, Mancos-rét	Hungary	ADMA01	58	M16/26	M17/27	M18/28	16299C	A16129G, T16187C, C16189T, T16223C, G16230A, T16299C, C16311T	A16129G, T16187C, C16189T, T16223C, G16230A, T16299C, C16311T	15997-16401	-	-	-	HV0	HV0	HV	-	-	-
Adács, Mancos-rét	Hungary	ADMA02	71	Femur L	Femur r.		16069T, 16126C, 16193T, 16278T	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, C16311T	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, C16311T	16019-16401	-	-	-	J2b1a	J	J	-	-	-
Adács, Mancos-rét	Hungary	ADMA03	89	M1 Maxilla	I21			A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16019-16408	-	-	-	H	H	H	-	-	-
Adács, Mancos-rét	Hungary	ADMA04	101	M26	M37/47	C13		A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15997-16409	-	-	-	H7	H	H	-	-	H7
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG01	215	Pars petrosa l.	M36		16134T, 16356Q	A16129G, A16134T, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T, 16359C	A16129G, A16134T, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T, 16359C	15999-16348/16409	-	-	-	U4a1	U4	U	-	-	U4
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG02	439	Pars petrosa r.	m64	m65	16223T, 16292T	A16129G, T16187C, C16189T, G16230A, T16278C, C16292T, C16311T	A16129G, T16187C, C16189T, G16230A, T16278C, C16292T, C16311T	15999-16401	-	-	-	W	W	W	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG03	451	M47	M38	M46	16093C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	15999-16409	-	-	-	H	H	H	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG04	540	Femur r.	M26	r.Paetr.	16126C, 16163G, 16186T, 16189C, 16294T	T16126C, A16129G, A16163G, A16186T, T16187C, T16189C, G16230A, T16278C, C16294T, C16311T	T16126C, A16129G, A16163G, A16186T, T16187C, T16189C, G16230A, T16278C, C16294T, C16311T	15997-16403*	-	-	-	T1a	T1a	T	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG05	544	M46	M47	M16	16126C, 16189C, 16294T, 16296T	T16126C, A16129G, T16187C, T16223C, G16230A, T16278C, C16294T, C16296T, C16311T	T16126C, A16129G, T16187C, T16223C, G16230A, T16278C, C16294T, C16296T, C16311T	15997-16405	-	-	-	T2f	T2f	T	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG06	545	M16	M17	M27	16304C	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, T16304C, C16311T	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, T16304C, C16311T	16046-16401	-	-	-	H5	H5	H	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG07	546	M48	M37	M36	16069T, 16126C, 16193T	G16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C, C16311T	G16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C, C16311T	16047-16409	-	-	-	J	J	J	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG08	560	m74	m75	m85	16069T, 16126C	C16069T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	C16069T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16047-16401	-	-	-	J	J	J	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG09	610	Femur r.	Femur l.			-	-	-	-	-	-	-	-	-	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG10	662	M46	M47	M48	16069T, 16126C, 16193T	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C, C16311T	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C, C16311T	15999-16401	-	-	-	J	J	J	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG11	680	Femur l.	T1b r.		16126C, 16294T, 16296T, 16304C	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	15999-16401	-	-	-	T2b	T2b	T	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG12	685	Femur r.	Humerus r.		16126C, 16294T, 16296T, 16304C	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	15999-16404	-	-	-	T2b	T2b	-	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG13	686	M46	m85	m84	16126C, 16147T, 16294T, 16296T, 16297C, 16304C	T16126C, A16129G, C16147T, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16297C, T16299C, C16311T	T16126C, A16129G, C16147T, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16297C, T16299C, C16311T	15999-16404	-	-	-	T2b23	T2b	T	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG14	726	Femur r.	m75	C13	16069T, 16126C, 16304C	C16069T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16304C, C16311T	C16069T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16304C, C16311T	16019-16403	-	-	-	J	J	J	-	-	-
Cegléd, Várocz-Hodola dűlő, 4/1. lh.	Hungary	CEG15	728	Femur l.	M16	RM1 (14)	16129A, 16242C, 16311C	T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	16019-16401	-	-	-	K2b1b	K	K	-	-	-
Cegléd Ipari-Park dűlő, 4/1. lh.	Hungary	CGIP01	1	-	T1b l.	Femur l.	16093C, 16242C, 16311C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16019-16409	-	-	-	K1a	K	K	-	-	-
Cegléd Ipari-Park dűlő, 4/1. lh.	Hungary	CGIP02	4	125	M37	M48	16126C, 16294T, 16296T, 16304C	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16304C, C16311T	15997-16401	-	-	-	T2b	T2b	T	-	-	-
Cegléd Ipari-Park dűlő, 4/1. lh.	Hungary	CGIP03	5	-	M36/46	M37/47	16093C, 16242C, 16311C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16046-16401	-	-	-	K1a	K	K	-	-	-
Cegléd Ipari-Park dűlő, 4/1. lh.	Hungary	CGIP04	6	-	M1 (?)	Pars petrosa l.		-	-	-	-	-	-	-	-	-	-	-	-
Cegléd Ipari-Park dűlő, 4/1. lh.	Hungary	CGIP05	7	147	Femur l.	Humerus r. 111		-	-	-	-	-	-	-	-	-	-	-	-

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RBS	Range HVS-I	HVS-II compared to CRS	Uninformative sites-HVS-I compared to CRS	HVS-II compared to RBS	Range HVS-II	MtDNA-haplotype group	Macro-haplotype group	Geno-Cont22	Y-chromosomal haplogroup	H-Phx U-Phx	U8_988
Cogiled [pari-Park]	Hungary	CGIP06	8	-	M16/26	M46	1624C; 16311C; 16319A	A16129G; T16187C; C16189T; T16232C; T16234C; G16230A; T16278C; G16319A	16046-16401	-	-	-	16046-16401	Kb1a	K	K	-	-	-
Cogiled [pari-Park]	Hungary	CGIP07	9	146	Deciduous molar	piece of long bone	-	-	-	-	-	-	-	-	-	-	-	-	-
Cogiled [pari-Park]	Hungary	CGIP08	10	-	Femur.	Femur.	-	-	-	-	-	-	-	-	-	-	-	-	-
Cogiled [pari-Park]	Hungary	CGIP09	-	228	M16 (?)	M17	16147A; 16172C; 16223T; 16248T	A16129G; C16147A; T16172C; T16187C; C16189T; G16230A; C16248T; T16278C; C16311T	16046-16401	-	-	-	16046-16401	N1a1a1	N1a	N1	-	-	-
Csanyelek-Ujhalastó	Hungary	CSAN01	115	-	Femur.L	Humerus.	-	-	-	-	-	-	-	-	-	-	-	-	-
Deszt.-1. omlóit	Hungary	DES05	5	-	Femur	Femur.	16304C	A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; T16304C; C16311T	15997-16409	-	-	-	15997-16409	H5	H5	H	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.2	26	IM46	m74	L.Ppetr.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.4	40	m65	m64	c.Ppetr.	16124C; 16294T; 16296T; 16304C	T16124C; A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; C16294T; C16296T; T16304C; C16311T	16021-16402	-	-	-	16021-16402	H7	H	H	-	-	H7
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.5	41	Mandibular M1	Mandibular M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.15	237	M18	M17	M16	16298C	A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; T16298C; C16311T	15999-16404	-	-	-	15999-16404	V	V	V	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.18	269	IM46	IM47	IM48	16124C; 16292T; 16294T	T16124C; A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; C16292T; C16294T; C16311T	16000-16402	-	-	-	16000-16402	T2c1	T2c	T	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.20	291	M27 (?)	Mandibular M1 (?)	M26 (?)	16093C; 16126C; 16294T; 16296T; 16304C	T16093C; T16126C; A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; C16294T; C16296T; T16304C; C16311T	15997-16402	-	-	-	15997-16402	T2b	T2b	T	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.21	292	M36	M37	M37	16124C; 16163G; 16186T; 16189C; 16294T	T16124C; A16129G; A16163G; C16186T; T16187C; T16232C; G16230A; T16278C; C16294T; C16311T	15998-16409	-	-	-	15998-16409	T1a	T1a	T	-	-	-
Pusztataakony-Ledence, 1. lh.	Hungary	PULE1.23	328	M17	IM46	IM46	16188C	A16129G; T16187C; T16232C; G16230A; T16278C; C16311T	15997-16409	-	-	-	15997-16409	H1	H	H	-	-	HI
Pusztataakony-Ledence, 2. lh.	Hungary	PULE2.2	162	IM46	M28	PM45	16298C	A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; T16298C; C16311T	15997-16404	-	-	-	15997-16404	V	V	V	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TITE01	41	Femur.	Femur.L	Femur.L	16224C; 16311C; 16319A	A16129G; T16187C; C16189T; T16232C; T1624C; G16230A; T16278C; G16319A	15999-16401	-	-	-	15999-16401	Kb1a	K	K	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TITE02	42	M85	Femur.	M16	16069T; 16126C; 16193T	C16069T; T16126C; A16129G; T16187C; C16189T; C16193T; T16232C; G16230A; T16278C; C16311T	16046-16409	-	-	-	16046-16409	J2b	J	J	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TITE03	98	M27	PM14	PM	16147A; 16172C; 16189C; 16209C; 16231T; 16248T; 16274A; 16355T	A16129G; C16147A; T16172C; T16187C; T16209C; G16230A; C16248T; G16274A; T16278C; C16311T; C16355T	16019-16401	-	-	-	16019-16401	N1a1a1	N1a	N1	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TITE04	101	Femur.L	Femur.	Femur.	-	-	-	-	-	-	-	-	-	-	-	-	H7
Tiszaföldvár-Tejglagyár	Hungary	TITE06	-	Pars petrosal.	Pars petrosal.	Pars petrosal.	16069T; 16126C; 16193T	C16069T; T16126C; A16129G; T16187C; C16189T; C16193T; T16232C; G16230A; T16278C; C16311T	16046-16409	-	-	-	16046-16409	J	J	J	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TIDO01	1	IM47	IM46	PM34	16124C; 16153A; 16294T; 16296T	T16124C; A16129G; G16153A; T16187C; C16189T; T16232C; G16230A; T16278C; C16294T; C16296T; C16311T	16046-16409	-	-	-	16046-16409	T2a	T2a	T	-	-	-
Tiszaföldvár-Tejglagyár	Hungary	TIDO04	6	IM47	IM48	bone	(16093C) 16224C; 16311C	T16093C; A16129G; T16187C; C16189T; T16232C; T1624C; G16230A; T16278C	(19997)/16118-16401	-	-	-	(19997)/16118-16401	K	K	K	-	-	-
Berettyóújfalú, Nagy-Böcs-csűb	Hungary	BERA02	369	27	IM48	Femur.L	-	-	-	-	-	-	-	-	-	-	-	-	-
Berettyóújfalú, Nagy-Böcs-csűb	Hungary	BERA03	380	27	m65	m85	16093C; 16224C; 16311C	T16093C; A16129G; T16187C; C16189T; T16232C; T1624C; G16230A; T16278C	15997-16401	-	-	-	15997-16401	K1a	K	K	-	-	-
Berettyóújfalú, Nagy-Böcs-csűb	Hungary	BERA05	420	176	M36/46	long bone	-	-	-	-	-	-	-	-	-	-	-	-	-
Berettyóújfalú, Nagy-Böcs-csűb	Hungary	BERA06	427	173	M26	M46	16311C	A16129G; T16187C; C16189T; T16232C; G16230A; T16278C; C16311T	15999-16409	-	-	-	15999-16409	HV	HV	HV	-	-	-
Berettyóújfalú, Nagy-Böcs-csűb	Hungary	BERA07	476	179	M16	I21	long bone	-	-	-	-	-	-	-	-	-	-	-	(U)

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	HVS-II compared to CRS	Range HVS-I	Uninformative sites HVS-II compared to CRS	HVS-II compared to RRS	Range HVS-II to CRS	Mitochondrial haplogroup	Macro-haplogroup	Geno-Coll22	Y-chromosomal haplogroup	H-Plex	U-Plex	U8_9698
Beretyőfalva, Nagy-Böcs dűlő	Hungary	BERA08	540	179	M38/48	I22	16224C, 16311C	A16129G T16187C C16189T T16223C G16230A T16278C	-	16019-16401	-	-	-	K	K	K	K	-	-	-
Debrecen, Tócspart Erdősija	Hungary	TOPE01	101	M46	M47	PM	16126C, 16217C, 16292T, 16294T, 16296T	T16126C, A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16296T C16311T	-	15999-16409	-	-	-	T2c1	T2c	T	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE02	221	M47	Femur (?)	Femur (?)	16298C	A16129G T16187C C16189T T16223C G16230A T16278C T16298C C16311T	-	15999-16401	-	-	-	H10	H10	HV	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE03	222	Femur	Femur	Femur	16089T, 16126C	C16089T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16290A T16278C C16311T	-	16019-16401	-	-	-	J	J	J	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE04	223	M26	M27	PM	16311C	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	15999-16409	-	-	-	R1	R1/R3	R	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE05	312	Humerus	Femur (?)	Femur (?)	-	-	-	-	-	-	-	-	-	(H)	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE06	353	M28	M36	M37	16298C	A16129G T16187C C16189T T16223C G16230A T16278C T16298C C16311T	-	15999-16405	-	-	-	V	V	V	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE07	930	M36	M48 (?)	M37	-	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	15999-16404	-	-	-	H	H	H	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE08	889	M46	M47	PM45	16192T, 16256T, 16270T	A16129G T16187C C16189T C16192T T16223C G16230A C16256T C16270T T16278C C16311T	-	15999-16409	-	-	-	U5a	U5a	U	-	-	-	U5a
Debrecen, Tócspart-Erdősija	Hungary	TOPE09	921	M46	M47	M37	16304C	A16129G T16187C C16189T T16223C G16230A T16278C T16304C C16311T	-	15998-16404	-	-	-	H5	H5	H	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE10	994	Humerus	Humerus	Humerus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE11	1412	M46	M3 (?)	M47	16266T	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	15997-16404	-	-	-	H	H	H	-	-	-	-
Debrecen, Tócspart-Erdősija	Hungary	TOPE12	1420	Femur	Femur	Femur	16182C, 16183C, 16189C, 16234T	A16129G A16182C A16183C T16187C T16223C G16230A C16234T T16278C C16311T	-	15997-16403	-	-	-	U8b1	U8	U	-	-	-	U8
Debrecen, Tócspart-Erdősija	Hungary	TOPE13	1421	M48	Femur	r.Papetr.	16093C, 16183C, 16189C, 16224C, 16311C	T16093C A16129G A16183C T16187C T16223C G16230A C16224C T16278C	-	15997-16404	-	-	-	K1a2a1	K	K	-	-	-	-
Ebes, Sályvár 19. lh.	Hungary	EB5A01	41	Femur	Humerus	Humerus	16224C, 16311C	A16129G T16187C C16189T T16223C T16224C G16230A T16278C	-	16019-16405	-	-	-	K	K	K	-	-	-	-
Ebes, Sályvár 19. lh.	Hungary	EB5A02	56	M26	M27	M28	16224C, 16311C	A16129G T16187C C16189T T16223C T16224C G16230A T16278C	-	15997-16404	-	-	-	K	K	K	-	-	-	-
Ebes, Sályvár 19. lh.	Hungary	EB5A03	75	piece of tibia	piece of femur	piece of femur	(16089T), 16126C	C16089T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	(16019)/16118-16397**	-	-	-	J	J	J	-	-	-	-
Ebes, Sályvár 19. lh.	Hungary	EB5A04	95	Femur	Femur	Femur	16129A, 16224C, 16311C	T16187C C16189T T16223C T16224C G16230A T16278C	-	16019-16404	-	-	-	K2b1b	K	K	-	-	-	-
Ebes, Zsong-Völgy út	Hungary	EBV001	1311	Tibia	M47	femur	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ebes, Zsong-Völgy út	Hungary	EBV002	1313	Femur	Femur	Femur	16093C, 16224C, 16311C	T16093C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	16001-16409	-	-	-	K1a	K	K	-	-	-	-
Ebes, Zsong-Völgy út	Hungary	EBV003	1370	M36	M37/47	M37/47	-	-	-	-	-	-	-	-	-	(U)	-	-	-	-
Ebes, Zsong-Völgy út	Hungary	EBV004	1408	M38	Femur	Femur	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ebes, Zsong-Völgy út	Hungary	EBV004	1408	M38	Femur	Femur	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Garadna, Elkerület 2. lh.	Hungary	GAE01	20	M26	M48	M27	16192T, 16256T, 16270T	A16129G T16187C C16189T T16223C G16230A T16278C C16256T C16270T T16278C C16311T	-	15997-16401	-	-	-	U5a	U5a	U	-	-	-	U5a
Garadna, Elkerület 2. lh.	Hungary	GAE02	38	Femur	Femur	L.p. papetr.	16126C, 16294T, 16296T, 16298C	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16294T C16296T T16298C C16311T	-	16019-16346	-	-	-	T2b	T2b	T	-	-	-	-
Garadna, Elkerület 2. lh.	Hungary	GAE03	57	M36	M48	M47	-	-	-	-	-	-	-	-	-	(U)	-	-	-	-
Garadna, Elkerület 2. lh.	Hungary	GAE04	62	M36	M37	M46	16126C, 16294T, 16296T	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16294T C16296T C16311T	-	15999-16409	-	-	-	T2	T2	T	-	-	-	-
Garadna, Elkerület 2. lh.	Hungary	GAE05	83	Femur	Femur	Femur	-	-	-	-	-	-	-	-	-	(H)	-	-	-	-
Garadna, Elkerület 2. lh.	Hungary	GAE06	86 + 52	Pars petrosal.	Pars petrosal.	Pars petrosal.	-	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	-	16019-16409	-	-	-	H	H	H	-	-	-	-

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to GRS	HVS-I compared to RSR	Range HVS-I	HVS-II compared to GRS	Uninformative sites HVS-II compared to GRS	HVS-II compared to GRS to RSR	Range HVS-II	Micro-chromosomal haplogroup	Macro-haplogroup	Geno-CofA22	Y-chromosomal haplogroup	H-Plus	U-Plus	US
Gardina, Elkendi0.2. lh.	Hungary	GAE07	109	M26	M27	PM15	16319A 16343G	A16129G T16187C C16189T T16233C G16230A T16278C C16311T G16319A A16346G	16020-16338	-	-	-	-	U3	U3	U	-	-	U3	A
Gardina, Elkendi0.2. lh.	Hungary	GAE08	119	m55	m65	m75	16069T 16126C	C16069T T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16311T	16019-16401	-	-	-	-	J	J	J	-	-	-	-
Gardina, Elkendi0.2. lh.	Hungary	GAE09	120	M48	M46	M47	-	-	-	-	-	-	-	-	-	(J)	-	-	-	-
Gardina, Elkendi0.2. lh.	Hungary	GAE10	138	m65	m75	m64	16183C 16189C 16209C 16223T 16278T	A16128G A16183C T16187C T1629C G16230A C16311T 15999-16409	15999-16409	-	-	-	-	X	X	(X)	-	-	-	-
Gardina, Elkendi0.2. lh.	Hungary	GAE11	168	M28/27	M3 mandibular	M3 mandibular	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gardina, Elkendi0.2. lh.	Hungary	GAE12	187	M16	M46	M47	16069T 16126C	C16069T T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16311T	15997-16409	-	-	-	-	J	J	J	-	-	-	-
Gardina, Elkendi0.2. lh.	Hungary	GAE13	191	M36	M46	M46	16069T 16126C 16193T	C16069T T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16311T	16019-16409	-	-	-	-	J	J	J	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL01	6	Tibia	Femur	Femur	16192T 16256T 16270T 16343C	A16128G T16187C C16189T T16233C G16230A C16234T T16278C C16290T C16311T T16324C	16022-16401	-	-	-	-	U5a	U5a	U	-	-	-	U5a
Hegykürt, Lidl logisztikai központ	Hungary	HEL02	8	M36	M28	M47	16183C 16189C 16234T 16290T 16324C	A16128G A16183C T16187C T1629C G16230A C16234T T16278C C16290T C16311T T16324C	15999-16396	-	-	-	-	U8b1b	U8	U	-	-	-	U8
Hegykürt, Lidl logisztikai központ	Hungary	HEL03	10	M1 (7) Maxilla	M3 (7) mandibula	Femur	16179T 16189C 16223T 16278T	A16128G C16179T T16187C G16230A C16311T	15999-16404	-	-	-	-	X	X	X	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL04	35	PM	Femur	L.Paetr.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL05	84	M16	M46	I21	16126C 16294T 16296T 16394C	T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16294T C16296T T16394C C16311T	15999-16403	-	-	-	-	T2b	T2b	T	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL06	133	M16	M37	Femur.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL07	134	M26	M38	Femur.	16224C 16311C	A16128G T16187C C16189T T16233C T16224C G16230A T16278C	15998-16402	-	-	-	-	K	K	K	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL08	138	Femur.	Femur.L	Femur.L	16126C 16294T 16296T 16394C	T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16294T C16296T T16394C C16311T	15998-16404	-	-	-	-	T2b	T2b	T	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL09	149	Tibia r.	Femur.L	Femur.L	16192T 16256T 16270T	A16128G T16187C C16189T T16233C G16230A C16256T C16270T T16278C C16311T	16003-16404	-	-	-	-	U5a	U5a	U	-	-	-	U5a
Hegykürt, Lidl logisztikai központ	Hungary	HEL10	150	m54	m35	m35	16179T 16189C 16223T 16278T	A16128G C16179T T16187C G16230A C16311T	15997-16409	-	-	-	-	X	X	X	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL11	153	M16/26	M37/47	M17(7)	16147A 16172C 16189C 16223T 16248T 16274A 16355T	A16128G C16147A T16172C T16187C G16230A C16248T G16274A T16278C C16311T C16355T	15998-16409	-	-	-	-	N1a1a1a	N1a	N1	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL12	155	M26	M28	M27	16069T 16126C	C16069T T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16311T	16019-16404	-	-	-	-	J	J	J	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL13	163	M36	M38	M37	16183C 16189C 16223T 16278T	A16128G A16183C T16187C G16230A C16311T	16007-16407	-	-	-	-	X	X	X	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL14	192	M46	m84	Femur.L	16147A 16172C 16189C 16223T 16248T 16274A 16355T	A16128G C16147A T16172C T16187C G16230A C16248T G16274A T16278C C16311T C16355T	16003-16403	-	-	-	-	N1a1a1a	N1a	n1	-	-	-	-
Hegykürt, Lidl logisztikai központ	Hungary	HEL15	193	M16	M26	m74	16126C 16294T 16296T 16394C	T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16294T C16296T T16394C C16311T	16003-16406	-	-	-	-	T2b	T2b	T	-	-	-	-
Mezőkomor, Kőszegi temető	Hungary	MEK001	4	M46	M18	M47	-	-	-	-	-	-	-	H	H	H	-	-	-	-
Mezőkomor, Kőszegi temető	Hungary	MEK002	5	Femur.r.	Femur.L	Femur.L	16134T 16356C	A16129G C16134T T16187C C16189T T16233C G16230A T16278C C16311T T16356C	16012-16409	-	-	-	-	U4a1	U4	U	-	-	-	U4
Mezőkomor, Kőszegi temető	Hungary	MEK003	10 (2000)	M37/47	M38/48	M38/48	16126C 16292T 16294T	T16126C A16129G T16187C C16189T T16233C G16230A T16278C C16292T C16294T C16311T	16019-16401	-	-	-	-	T2c1	T2c	T	-	-	-	-
Mezőkomor, Kőszegi temető	Hungary	MEK004	21/A	M16	M28	M17	16092C 16129A 16147A 16154C 16172C 16223T 16248T 16320T 16355T	T16092C C16147A T16154C T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	16019-16401	-	-	-	-	N1a1a1a3	N1a	N1	-	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Culture	Site	Country	Laboratory feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	HVS-II compared to CRS	Uniformative sites HVS-II compared to CRS	HVS-II compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoH22	Y-chromosomal haplogroup	H-Plex	U-Plex	U8_9698			
ALBK-Tiszadob / Bdkk	Mezőszabolcs-Községi temető6	Hungary	MEK05_48	M36	M38	M37	-	-	-	-	-	-	-	-	-	-	NI	-	-	-	-			
	Mezőszabolcs-Községi temető6	Hungary	MEK06_49	m51	m62	m82	-	-	-	-	-	-	-	-	-	-	U	-	-	-	-			
	Mezőszabolcs-Községi temető6	Hungary	MEK07_62	M16/26	M17/27	r-p-petr.	16147A, 16172C, 16189C, 16223T, 16248T, 16274A, 16355T	16147A, 16172C, 16189C, 16223T, 16248T, 16274A, 16355T	A161296C, 16147A, 16172C, 16189C, 16223A, C16230A, C16248T, G16274A, T16279C, C16311T, C16355T	16046-16401	-	-	-	-	-	N1a1a1	N1a	NI	-	-	-			
	Sajószentpéter, vasatti őrház	Hungary	SAVO01_189	M36	M37	M47	-	-	-	-	-	-	-	-	-	-	U	-	-	-	-			
	Tiszadob-Okenéz	Hungary	TISO01_251-01	2011.6.12	C13/23	C33/43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Tiszadob-Okenéz	Hungary	TISO02_315	2011.6.20	Femur.r.	T1b.a.c.	16192T, 16270T	16192T, 16270T	A161296T, 16187C, C16189T, C16189T, C16192T, T16223C, G16230A, C16294T, C16311T	16046-16401	-	-	-	-	-	H7	H	H	-	-	-	H7		
	Tiszadob-Okenéz	Hungary	TISO03_328	2011.6.21	M16	M17	M18	16270T, 16274A, 16311C, 16362C	16270T, 16274A, 16311C, 16362C	A161296T, 16187C, C16189T, T16223C, G16230A, C16270T, G16274A, T16278C, T16362C	16046-16401	-	-	-	-	-	U5b	U5b	U	-	-	-	U5b	
	Tiszadob-Okenéz	Hungary	TISO04_422-424	2011.6.22	PM34	M36	C43	16189C, 16223T, 16278T, 16362C	16189C, 16223T, 16278T, 16362C	A161296T, 16187C, G16230A, C16311T, T16362C	16046-16401	-	-	-	-	-	X	X	X	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO05_423-03	2011.6.6	M26/27	M27/28	M27/28	16179T, 16189C, 16223T, 16278T, 16291T	16179T, 16189C, 16223T, 16278T, 16291T	A161296C, 16179T, T16187C, G16230A, C16291T, C16311T	16046-16401	-	-	-	-	-	X	X	X	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO06_424	2011.6.5,	M37	M16	M36	16126C, 16163G, 16186T, 16189C, 16294T	16126C, 16163G, 16186T, 16189C, 16294T	T16126C, A161296C, A16186G, C16186T, T16187C, T16223C, G16230A, T16294T, C16311T	16019-16401	-	-	-	-	-	T1a	T1a	T	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO07_428	2011.6.1	M46	M47	C43	16234C, 16311C	16234C, 16311C	A161296T, 16187C, C16189T, T16223C, T1624C, G16230A, T16278C	16019-16401	-	-	-	-	-	K	K	K	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO08_440-01	2011.6.10	Femur.r.	Femur.L	Femur.L	16093C, 1624C, 16311C, 16320T	16093C, 1624C, 16311C, 16320T	T16093C, A161296T, 16187C, C16189T, T16223C, T1624C, G16230A, T16278C, C16320T	16019-16401	-	-	-	-	-	K	K	k	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO09_455	Femur.L	Femur.L	T1b.a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Tiszadob-Okenéz	Hungary	TISO10_464	M36	M36	PM14	16126C, 16292T, 16294T	16126C, 16292T, 16294T	A161296T, 16187C, C16189T, T16223C, G16230A, T16292T, C16294T, C16311T	15999-16405	-	-	-	-	-	-	H7	H	H	-	-	-	H7	
	Tiszadob-Okenéz	Hungary	TISO11_472	M18	M46	M38	16238C	16238C	A161296T, 16187C, C16189T, T16223C, G16230A, T16278C, T16298C, C16311T	16019-16401	-	-	-	-	-	-	HVO	HVO	HW	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO12_474	2011.6.4	Femur.L	Femur.r.	Femur.r.	16069T, 16126C, 16261T	16069T, 16126C, 16261T	C16069T, T16126C, A161296T, 16187C, C16189T, T16223C, G16230A, C16261T, T16278C, C16311T	16019-16401	-	-	-	-	-	-	J	J	J	-	-	-	-
	Tiszadob-Okenéz	Hungary	TISO13_479-01	2011.6.8	M46	M26	M47	16069T, 16126C, 16261T	16069T, 16126C, 16261T	C16069T, T16126C, A161296T, 16187C, C16189T, T16223C, G16230A, C16261T, T16278C, C16311T	16019-16401	-	-	-	-	-	-	J	J	J	-	-	-	-
	Tiszadob-Okenéz	Hungary	TISO14_493-01	2011.6.11	M36	Paris petrosal.	m85	16111C, 16126C, 16153G, 16186T, 16189C, 16294T	16111C, 16126C, 16153G, 16186T, 16189C, 16294T	C16111G, T16126C, A161296C, A16153G, C16186T, T16187C, T16223C, G16230A, T16278C, C16294T, C16311T	16019-16401	-	-	-	-	-	-	T1a	T1a	T	-	-	-	-
	Tiszadob-Okenéz	Hungary	TISO15_496	2011.6.2,	m85	m65	m64	16238C	16238C	A161296T, 16187C, C16189T, T16223C, G16230A, T16278C, T16298C, C16311T	16019-16401	-	-	-	-	-	-	V	V	V	-	-	-	-
	Tiszadob-Okenéz	Hungary	TISO16_519	2011.6.3	Femur.r.	T1b.a.r.	-	16093C, 16189C, 1624C, 16311C	16093C, 16189C, 1624C, 16311C	T16093C, A161296T, 16187C, T16223C, T1624C, G16230A, T16278C	16073-16399	-	-	-	-	-	-	K1a2a1	K	-	-	-	-	
	Tiszadob-Okenéz	Hungary	TISO17_604	2011.6.11	M47	M36	M48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Tiszadob-Hajnalos	Hungary	THA01	45	Femur.r.	Femur.L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	classical and late ALBK without regional affiliations	Polgár, Pókás-dűlő	Hungary	POPI02_37	31	Mandibular molar	piece of humerus	16093C, 16189C, 16223C, 16311C	16093C, 16189C, 16223C, 16311C	T16093C, A161296T, 16187C, T16223C, T1624C, G16230A, T16278C	16019-16401	-	-	-	-	-	-	K1a2a1	K	K	-	-	-	
Polgár, Pókás-dűlő		Hungary	POPI03_38	32	incisor	canine	16147A, 16172C, 16223T, 16248T, 16355T	16147A, 16172C, 16223T, 16248T, 16355T	A161296C, 16147A, 16172C, 16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16355T	16022-16401	-	-	-	-	-	-	N1a1a1	N1a	NI	-	-	-	-	
Polgár, Pókás-dűlő		Hungary	POPI04_76	61	Femur.r.	Femur.L	16129C, 16294T, 16296T, 16304C	16129C, 16294T, 16296T, 16304C	T16129C, A161296T, 16187C, C16189T, T16223C, G16230A, T16294C, C16296T, T16304C, C16311T	15999-16404	-	-	-	-	-	-	T2b	T2b	T	-	-	-	-	
Polgár, Pókás-dűlő		Hungary	POPI05_173	108	M36	M38	M27	16093C, 16189C, 1624C, 16311C	16093C, 16189C, 1624C, 16311C	T16093C, A161296T, 16187C, T16223C, T1624C, G16230A, T16278C	15999-16404	-	-	-	-	-	-	K1a2a1	K	K	-	-	-	-
Polgár, Pókás-dűlő		Hungary	POPI06_177	111	M46	M47	M28	16224C, 16311C	16224C, 16311C	A161296T, 16187C, C16189T, T16223C, T1624C, G16230A, T16278C	16020-16403	-	-	-	-	-	-	K	K	K	-	-	-	-

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CIS	HVS-I compared to RSRS	Range HVS-I	HVS-II compared to CIS	Uninformative sites-HVS-II compared to CIS	HVS-II compared to RSRS	Range HVS-II	Mitochon-drial haplo-group	Macro-haplo-group	Geno-Cont22	Y-chromo-somal haplogroup	H-PrEx, U-PrEx	U.S. 9698	
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE01	50	M28	M26	M27	16126C, 16147T, 16294T, 16296T, 16297C, 16304C	T16126C, A16129G, C16189T, T16187C, C16189T, T16223C, G16230A, T16278C, C16294T, C16296T, T16297C, C16304C, C16311T	15997-16401	-	-	-	-	-	T2b23	T2	T	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE02	52	M36	M17	M18	16093C, 16224C, 16311C	T16093C, A16129G, T16187C, C16189T, T16223C, T16224C, G16230A, T16278C	16046-16401	-	-	-	-	-	K1a	K	K	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE03	57	Pars petrosa r.	M85	M55(7)	16093C, 16224C, 162241C, 16311C	T16093C, A16129G, T16187C, C16189T, T16223C, T16224C, 162241C, G16230A, T16278C	15997-16409	-	-	-	-	-	K1a	K	K	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE04	58	M27	M47	M47	16069T, 16126C, 16193T, 16311C	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C	16046-16409	-	-	-	-	-	J	J	J	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE05	65	Femur r.	Femur L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE06	74	M36	M3	M3	16311C	A16129G, T16187C, C16189T, T16223C, G16230A, T16278C	16003-16409	-	-	-	-	-	HV	HV	HV	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE07	80	M47	M48	M46	16093C, 16224C, 16284G, 16311C	T16093C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, A16284G	16006-16401	-	-	-	-	-	K1a	K	K	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE08	106	Femur L	Femur r.	-	16147A, 16154C, 16172C, 16223T, 16248T, 16292T, 16355T	A16129G, C16147A, T16154C, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16320T, C16355T	16019-16409	-	-	-	-	-	N1a1a3	N1a	(N1)	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE09	107	M17	M38	M38	16126C, 16189C, 16294T, 16296T	T16126C, A16129G, T16187C, T16223C, G16230A, T16278C, C16294T, C16296T, C16311T	15997-16409	-	-	-	-	-	Tzf	Tzf	T	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE10	108	M36/M46	M37/M47	-	16069T, 16126C, 16193T, 16311C	C16069T, T16126C, A16129G, T16187C, C16189T, C16193T, T16223C, G16230A, T16278C	16003-16401	-	-	-	-	-	J	J	J	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE11	111	Pars petrosa L, nls	M84	M85	16134T, 16356C	A16129G, C16134T, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T, T16356C	16006-16409	-	-	-	-	-	U4a1	U4	U	-	-	U4
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE12	113	M47	M36	M3	16147A, 16172C, 16223T, 16248T, 16292T, 16355T	A16129G, C16147A, T16172C, T16187C, C16189T, G16230A, C16248T, T16278C, C16311T, C16320T, C16355T	16019-16409	-	-	-	-	-	N1a1a3	N1a	N1	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE13	117	M1 mandibula	M55/M65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE14	118	M36	Molar maxillary canine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE15	121	M26	Pars petrosa L	-	16224C, 16311C	A16129G, T16187C, C16189T, T16223C, T16224C, G16230A, T16278C	15999-16409	-	-	-	-	-	K	K	K	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE16	124	Femur l.	Femur r.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE17	127	Humerus	Últa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(U)
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE18	128	Humerus	Femur	long bone	16224C, 16311C	A16129G, T16187C, C16189T, T16223C, T16224C, G16230A, T16278C	16019-16396	-	-	-	-	-	K	K	K	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE19	129	M46	M47	M48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hajdónánás, Eszlári ut. M3-45	Hungary	HAE20	133	M36	M37	PM35	16126C, 16153A, 16189C, 16294T, 16296T	T16126C, A16129G, G16153A, T16187C, T16223C, G16230A, T16278C, C16294T, C16296T, C16311T	15999-16409	-	-	-	-	-	T2a1a1b	T2a	T	-	-	-
Kompolt, Kgyos-ér	Hungary	KOK01	5/2	M16	PM14	PM25	16051G, 16192T, 16268T, 16270T, 16395G	A16051G, A16129G, T16187C, C16189T, C16192T, T16223C, G16230A, C16268T, C16270T, T16278C, C16311T, A16395G	16047-16401	-	-	-	-	-	U5a1	U5a	U	-	-	-
Kompolt, Kgyos-ér	Hungary	KOK02	17/7	PM15	Femur l.	Tibia	16069T, 16126C	C16069T, T16126C, A16129G, T16187C, C16189T, T16223C, G16230A, T16278C, C16311T	16020-16401	-	-	-	-	-	J	J	J	-	-	-
Kompolt, Kgyos-ér	Hungary	KOK03	24/8	Humerus r.	Humerus l.	Femur	-	-	-	-	-	-	-	-	-	-	-	-	-	(H)
Hajdónánás, Eszlári ut. M3-45	Hungary	KOK04	25/9	Femur	Tibia	L(7) Humerus -	-	-	-	-	-	-	-	-	-	-	-	-	-	(K)
Hajdónánás, Eszlári ut. M3-45	Hungary	KOK05	26/10	Femur l.	Femur r.	long bone	16129A, 16224C, 16311C	T16187C, C16189T, T16223C, T16224C, G16230A, T16278C	16020-16401	-	-	-	-	-	K2b1b	K	K	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Culture	Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	Range HVS-I	Uninformative sites HVS-II compared to CRS	HVS-II compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Coll22	Y-chromosomal haplogroup	H-Plex	U-Plex	U8_9698	
Classical and late ALBK without regional affiliations	Mezőkeresztes-Cethalom	Hungary	MECB01	1	C13	M28	Femur r.	I6304C	A16129G T16187C C16189T T16223C G16230A T16278C T16304C C16311T	16019–16401				H5	H5	H					
	Mezőkeresztes-Cethalom	Hungary	MECB02	2	M16	M17	PM54									H					
	Mezőkeresztes-Cethalom	Hungary	MECB04	6	C13	Femur L											(T)				
	Mezőkeresztes-Cethalom	Hungary	MECB05	7	Femur	Tibia											(U)				
	Mezőkeresztes-Cethalom	Hungary	MECB06	8	Femur L	Femur r.															
	Mezőkeresztes-Cethalom	Hungary	MECB08	11	M36	Femur L	Femur r.	I6304C	A16129G T16187C C16189T T16223C G16230A T16278C T16304C C16311T	16019–16401					H5	H5	H				
	Mezőkeresztes-Cethalom	Hungary	MECB09	15	M36	M37	M47										(NI)				
	Mezőkeresztes-Cethalom	Hungary	MECE10	18	M17	maxillary (?) PM	I11		A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15999–16401					H	H	H				
	Mezőkeresztes-Cethalom	Hungary	MECE12	20	m74	m64	Femur r.	16147A, 16154C, 16172C, 16223T, 16248T, 16320T, 16355T	A16129G C16147A T16154C T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	15998–16402					N1a1a3	N1a	NI				
	Mezőkeresztes-Cethalom	Hungary	MECE13	21	Humerus	Paris petrosa L.											(K)				
	Mezőkeresztes-Cethalom	Hungary	MECE14	23	M28	M47	M27		C16089T T16126C	15998–16395					J	J	J				
	Mezőszazsare, Kismarfi-fenek	Hungary	MEK01	12	M36 (?)	M46 (?)	I11		C16089T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T												
	Mezőszazsare, Kismarfi-fenek	Hungary	MEK02	46	m54/65	ms4/64	canine										(K)				
	Tisza culture	Tiszabuna Bóniskát	Hungary	TIB01	86	Paris petrosa r.	M74 (?)			A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16001–16401				H	H	H				
		Tiszabuna Bóniskát	Hungary	TIB02	118	M16	M37	M3 Maxilla (M187)		A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15999–16401					H	H	H			
Tiszabuna Bóniskát		Hungary	TIB03	273	M36	M1	Maxilla	16093C, 16189C, 16270T, T16278C C16311T	T16093C A16129G T16187C T16223C G16230A C16270T T16278C C16311T	15999–16401				U5b	U5b	U				U5b	
Tiszabuna Bóniskát		Hungary	TIB04	273	M37	M36															
Tiszabuna Bóniskát		Hungary	TIB05	273	Femur r.	M1 (?)	mandibula	16124C, 16163G, 16186T, 16189C, 16294T	T16124C A16129G A16163G C16186T T16187C T16189C T16230A T16278C C16294T C16311T	16046–16401					T1a	T1a	T				
Tiszaszölös, Domaháza-pusztá, Réti-dűlő		Hungary	TID005	7	M36	M37	M38		A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16046–16401					H	H	H				
Békés-Povárdag		Hungary	BEF01	1	M46	M48	long bone	16234T, 16311C	A16129G T16187C C16189T T16223C G16230A C16234T T16278C	15997–16409					HV15	HV	HV				
Békés-Povárdag		Hungary	BEF02	42	M36	M37	M18														
Békés-Povárdag		Hungary	BEF03	43	M38	M36	long bone	16147A, 16154C, 16172C, 16223T, 16248T, 16320T, 16355T	A16129G C16147A T16154C T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	16019–16409					N1a1a3	N1a	NI				
Békés-Povárdag		Hungary	BEF04	44	M48	M46	long bone	16126C, 16292T, 16294T	T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16292T C16294T C16311T	16019–16409					T2c1	T2c	T				
Békés-Povárdag		Hungary	BEF05	46	M26	M18	long bone	16147A, 16154C, 16172C, 16223T, 16248T, 16320T, 16355T	A16129G C16147A T16154C T16172C T16187C C16189T G16230A C16248T T16278C C16311T C16320T C16355T	16019–16409					N1a1a3	N1a	NI				
Békés-Povárdag		Hungary	BEF06	47	Femur r.	Femur L		16224C, 16311C	A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16019–16409					K	K	K				
Békés-Povárdag		Hungary	BEF07	68	Femur r.	Femur L	incisor	16069T, 16126C, 16261T	C16069T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	16001–16406					J	J	J				
Békés-Povárdag		Hungary	BEF08	69	M36	M75		16069T, 16126C	C16069T T16126C A16129G T16187C C16189T T16223C G16230A T16278C C16311T	15998–16409	73G, 185A, 228A – 263G, 285T, 315, 1C				34–39T, J1c	J	J				

Suppl. Tab. 4. (continued).

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CIS	HVS-I compared to RSFS	Range HVS-I	HVS-II compared to CIS	Uninformative sites-HVS-II compared to CIS	HVS-II compared to RSFS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-Cont22	Y-chromosomal haplogroup	H-Plus, U-Plus	US_9698
Deszt-Ondos	Hungary	DEO01	1	M28	M27	M27	16298C	A16129GT16187CT16189TT16223CG16230AT16278C T16298CT16311T	16118-16347	-	-	-	-	HV0	HV0	HV	-	-	-
Hódmezővásárhely-Kökénydomb	Hungary	KÖKE01	1	m65	M26	M26	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	15999-16409	-	-	-	-	J	J	J	-	-	-
Hódmezővásárhely-Kökénydomb	Hungary	KÖKE02	3	M48	M46	M46	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	16019-16401	-	-	-	-	J	J	J	-	-	-
Hódmezővásárhely-Kökénydomb, Vörös tanya	Hungary	KÖKE03	159	M46	M38	M38	16093C16224C16311C16319A	T16093CA16129GT16187CT16189TT16223CT16224C G16230AT16278CT16311A	15999-16409	-	-	-	-	K	K	K	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG01	12	Femur.r.	Tibia.r.	-	16129C16189C16294T16296T	T16129CA16129GT16187CT16223CG16230AT16278C C16294T16296T16311T	16019-16408	-	-	-	-	TZF	TZF	T	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG02	18	Femur.r.	Femur.L	-	-	-	-	-	-	-	-	U5b	U5b	U	-	-	U5b a
Hódmezővásárhely-Gorza	Hungary	HMG03	19	Femur.r.	Femur.L	-	16093C16224C16311C	T16093CA16129GT16187CT16189TT16223CT16224C G16230AT16278C	16025-16401	-	-	-	-	K1a	K	K	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG04	27	Femur.r.	Femur.L	-	-	-	-	-	-	-	-	-	-	T	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG05	29	Femur.r.	Femur.L	-	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	16019-16401	-	-	-	-	J	J	J	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG06	60	Femur.r.	Humerus.l.	-	16129C16292T16294T	T16129CA16129GT16189CT16189TT16223CG16230A T16278CT16292T16294T16311T	16019-16401	-	-	-	-	TZc1	TZc	T	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG07	61	Femur.r.	Femur.L	-	16129C16259A16294T16304C	T16129CA16129GT16187CT16189TT16223CG16230A C16259AT16294T16304CT16311T	16019-16401	-	-	-	-	TZb	TZb	T/H	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG08	68	Femur.L	Humerus.r.	-	-	-	-	-	-	-	-	-	-	K	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG09	5	Femur.L	Femur.r.	-	-	-	-	-	-	-	-	-	-	(K)	-	-	-
Hódmezővásárhely-Gorza	Hungary	HMG10	10	Femur.r.	Femur.L	-	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	16019-16409	-	-	-	-	J	J	J	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.1	17	M36	M28	M48	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	15997-16409	-	-	-	-	J	J	J	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.3	36	m75	m74	M65	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	(15997-16118-16409)	-	-	-	-	J	J	J	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.6	48	Humerus.r.	Humerus.l.	Radius (?)	-	-	-	-	-	-	-	-	-	(H)	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.7	65	PM	PM	-	-	-	-	-	-	-	-	J	J	J	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.14	231	m74	m75	Deciduous maxillary molar	16129C16189C16294T16296T	T16129CA16129GT16187CT16223CG16230AT16278C C16294T16296T16311T	16000-16407	-	-	-	-	TZF	TZF	T	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.16	243	Femur.L	Femur.r.	Tibia	16069T16126C	C16069TT16126CA16129GT16187CT16189TT16223C G16230AT16278CT16311T	16000-16407	-	-	-	-	J	J	J	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.17	251	M84	M85	M85	16172C16183C16189C16294T16311C16352C	A16129GT16172CA16183CT16187CT16223CG16230A C16294T16278CT16352C	15999-16407	-	-	-	-	U8b1	U8	U	-	-	U8 G
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.24	365	M16	M37	M18	16093C16224C16311C	T16093CA16129GT16187CT16189TT16223CT16224C G16230AT16278C	15997-16409	-	-	-	-	K1a	K	K	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.25	399	M36	M27	M38	16093C16224C16311C	T16093CA16129GT16187CT16189TT16223CT16224C G16230AT16278C	15997-16409	-	-	-	-	K1a	K	K	-	-	-
Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.26	419	M28	M36	M36	16129C16189C16294T16296T	T16129CA16129GT16187CT16223CG16230AT16278C C16294T16296T16311T	15997-16409	-	-	-	-	TZF	TZF	T	-	-	-
Pusztasáskony-Ledence, 2. lh.	Hungary	PULE1.1	89	M46	M47	M48	16129C16294T16296T16304C	T16129CA16129GT16187CT16189TT16223CG16230A T16278CT16294T16296T16304CT16311T	16047-16401	-	-	-	-	TZb	TZb	T	-	-	-

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to CRS	HVS-I compared to RRS	HVS-II compared to CRS	Range HVS-I	Informative sites HVS-II compared to CRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoRe22	Y-chromosomal haplogroup	H-Plex	U-Plex	U8_9698		
Pusztakiakony-Ledence, 2. lh.	Hungary	PULE2.3	170	M16	M48	M27	M38	M48	M27	M38	M48	M27	M38	M48	M27	M38	M48	M27	M38	M48	
Szegvár-Tűzlővés	Hungary	SZEG01	1	M38	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	M36	
Veszte-Mágor	Hungary	VSM01	30	Femur.L	Femur.r.	Femur.r.	1609FT 16126C	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	16097-16401	-	J	J	J	J	J	J	J	J	J	
Veszte-Mágor	Hungary	VSM02	31	M36	M75	M75	1609FT 16126C	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	15997-16409	-	J	J	J	J	J	J	J	J	J	J
Veszte-Mágor	Hungary	VSM03	32	M17	M18	M18	16259T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	16000-16409	-	H	H	H	H	H	H	H	H	H	
Veszte-Mágor	Hungary	VSM04	33	Femur.r.	Humerus.r.	Humerus.r.	1609FT 16126C	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	15997-16405	-	J	J	J	J	J	J	J	J	J	J
Veszte-Mágor	Hungary	VSM05	34	Femur.L	Humerus.L	Humerus.L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veszte-Mágor	Hungary	VSM06	36	Femur.r.	Humerus.L	Humerus.L	16145A 16176A 16223T 16390A	A16129G16145A16176AT16187CT16189TT16223C G16230AT16278CC16311T	A16129G16145A16176AT16187CT16189TT16223C G16230AT16278CC16311T	16118-16409	-	N1b	N1b	N1b	N1b	N1b	N1b	N1b	N1b	N1b	
Veszte-Mágor	Hungary	VSM07	39	Femur.L	Tibia.r.	Tibia.r.	16189C 16223T 16278T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	15999-16409	-	X	X	X	X	X	X	X	X	X	X
Veszte-Mágor	Hungary	VSM08	42	Humerus.L	Humerus.r.	Humerus.r.	16311C	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	15997-16409	-	HV	HV	HV	HV	HV	HV	HV	HV	HV	HV
Veszte-Mágor	Hungary	VSM09	43	Humerus.L	Humerus.L	Humerus.L	16126C 16153A 16294T 16296T	T16126CA16129G16153AT16187CT16189TT16223C G16230AT16278CC16311T	T16126CA16129G16153AT16187CT16189TT16223C G16230AT16278CC16311T	16019-16409	-	T2e	T2e	T2e	T2e	T2e	T2e	T2e	T2e	T2e	T2e
Veszte-Mágor	Hungary	VSM10	44	M16	M18	M18	16126C 16294T 16304C	T16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	T16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	15997-16409	-	T2b	T2b	T2b	T2b	T2b	T2b	T2b	T2b	T2b	T2b
Veszte-Mágor	Hungary	VSM11	1	M26	M38	M38	16088C	T16088CA16129G16187CT16189TT16223C G16230AT16278CC16311T	T16088CA16129G16187CT16189TT16223C G16230AT16278CC16311T	16047-16401	-	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1
Veszte-Mágor	Hungary	VSM12	2	M16	PM15 loose	PM15 loose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veszte-Mágor	Hungary	VSM13	3	M26 / M16 loose	M28 / M18 loose	M28 / M18 loose	-	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	16047-16396	-	H1	H1	H1	H1	H1	H1	H1	H1	H1	
Veszte-Mágor	Hungary	VSM14	4	M48	PM15	PM15	1609FT 16126C 16261T	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	C1609FTT16126CA16129G16187CT16189TT16223C G16230AT16278CC16311T	16047-16401	-	J	J1c	J	J	J	J	J	J	J	J
Veszte-Mágor	Hungary	VSM15	6	M26	M48	M48	-	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	16019-16401	-	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1
Veszte-Mágor	Hungary	VSM16	7	M38	M16	M16	16126C 16163G 16186T 16189C 16294T	T16126CA16129G16163G16186TT16189TT16223C G16230AT16278CC16311T	T16126CA16129G16163G16186TT16189TT16223C G16230AT16278CC16311T	16019-16401	-	T1a	T1a	T1a	T1a	T1a	T1a	T1a	T1a	T1a	T1a
Veszte-Mágor	Hungary	VSM17	8	Pars petrosal.L	Pars petrosal.r.	Pars petrosal.r.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veszte-Mágor	Hungary	VSM18	11	Tibia.L	Tibia.r.	Tibia.r.	16182C 16183C 16189C 16234T	A16129G16182CA16183CA16189TT16223C G16230AT16278CC16311T	A16129G16182CA16183CA16189TT16223C G16230AT16278CC16311T	16022-16401	-	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1
Veszte-Mágor	Hungary	VSM19	12	L(?) Femur long bone leg	L(?) Femur long bone leg	L(?) Femur long bone leg	16182C 16183C 16189C 16234T C16234TT16278CC16311T	A16129G16182CA16183CA16189TT16223C G16230AT16278CC16311T	A16129G16182CA16183CA16189TT16223C G16230AT16278CC16311T	16019-16400	-	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1	U8b1
Veszte-Mágor	Hungary	VSM20	36b	Femur.r.	L(?) Tibia	L(?) Tibia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Veszte-Mágor	Hungary	VSM21	13	M36	M28	M28	-	A16129G16187CT16189TT16223C G16230AT16278CC16311T	A16129G16187CT16189TT16223C G16230AT16278CC16311T	15999-16401	-	H	H	H	H	H	H	H	H	H	H
Veszte-Mágor	Hungary	VSM22	16	PM	Pars petrosal.r.	Pars petrosal.r.	16095C 16224C 16311C	T16095CA16129G16187CT16189TT16223C G16230AT16278CC16311T	T16095CA16129G16187CT16189TT16223C G16230AT16278CC16311T	15999-16403	-	K1a	K1a	K1a	K1a	K1a	K1a	K1a	K1a	K1a	K1a
Veszte-Mágor	Hungary	VSM23	14	Femur.L	Femur.r.	Femur.r.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Suppl. Tab. 4. (continued).

Culture	Site	Country	Laboratory Feature number	Other ID	Sample A	Sample B	Sample C	HVS-I compared to RRS	HVS-I compared to CIS	HVS-I compared to RRS	Range HVS-I	HVS-II compared to CIS	Informative sites-HVS-II compared to CIS	HVS-II compared to RRS	Range HVS-II	Mitochondrial haplogroup	Macro-haplogroup	Geno-CoR22	Y-chromosomal haplogroup	H-Plex, U-Plex	U8_9698
	Vabony-Sereszék-dőlő 60. lh.	Hungary	AB001	008	M2 (75)	M1 (36)	Parapetrosar.-	-	-	-	-	-	-	-	-	nd	nd	-	-	-	-
	Vabony-Sereszék-dőlő 60. lh.	Hungary	AB002	008	M2 (65)	M2 (55)	M2 (85)	-	-	-	-	-	-	-	-	nd	nd	-	-	-	-
	Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.8	67	M46	M38	1622TT16284G16291T	A16129GT16187CC16189T C1622TT1623CC1623AA T16278CA16284G C16291T C16311T	-	15997-16409	-	-	-	-	-	HVa1	HVa1	HV	-	-	-
	Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.9	130	M48	M46	-	-	-	-	-	-	-	-	-	nd	nd	(H)	-	-	-
	Pusztasáskony-Ledence, 1. lh.	Hungary	PULE1.10	135	M17	M36	1612CC16292T16294T16296T	T16126CA16129GT16187CC16188TT1623CC1623AA T16278CA16292T C16294T C16296T C16311T	-	15997-16404	-	-	-	-	-	TZc1	TZc1	T	-	-	-

* np 16.233-16.288 only reproduced twice

** np 16.267-16.288 only reproduced twice

Suppl. Tab. 4. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
Hunter-Gatherer Central and North Europe	HGCN		6850 cal BC	Germany	Bad Dürrenberg	1	BRAMANTI et al. 2009
			6700 cal BC	Germany	Hohlenstein-Stadel	3	BRAMANTI et al. 2009; POSTH et al. 2016
			13400 cal BC	Germany	Hohler Fels	1	BRAMANTI et al. 2009
			2250 cal BC	Poland	Drestwo	1	BRAMANTI et al. 2009
			4000–3000 cal BC	Poland	Dudka	2	BRAMANTI et al. 2009
			Mesolithic	Lithuania	Donkalis	1	BRAMANTI et al. 2009
			4450–4200 cal BC	Lithuania	Kretuonas	2	BRAMANTI et al. 2009
			6350 cal BC	Lithuania	Spiginas	1	BRAMANTI et al. 2009
			8054±127 cal BP	Luxemburg	Reuland-Loschbour	1	Fu et al. 2013
			9210–8652 cal BC	Germany	Blätterhöhle	4	BOLLONGINO et al. 2013
			9580–10230 cal BP	France	Les Closeaux	1	POSTH et al. 2016
			9080–9500 cal BP	France	Mareuil Les Meaux	1	POSTH et al. 2016
			8159–8424 cal BP	Germany	Ofnet	1	POSTH et al. 2016
			9933–10235 cal BP	France	Ranchot	1	POSTH et al. 2016
			7169–7319 cal BP	France	Berry Au Bac	1	POSTH et al. 2016
			8016–8329 cal BP	Germany	Bockstein	1	POSTH et al. 2016
			8050–8360 cal BP	France	Cuiry Les Chaudardes	1	POSTH et al. 2016
			8993–9409 cal BP	Germany	Falkenstein	1	POSTH et al. 2016
			8380–8980 cal BP	Germany	Felsdach	1	POSTH et al. 2016
			5650–5780 cal BC	Hungary	Tiszaszőlős-Domaháza	1	GAMBA et al. 2014
	c. 6200–6000 BC	Croatia	Vela Spila	1	SZÉCSÉNYI-NAGY et al. 2015		
	6360–5515 cal BC	Sweden	Motala	7	LAZARIDIS et al. 2014; HAAK et al. 2015		
Hunter-Gatherer south-western Europe	HGSW		Magdalenian	Spain	La Chora	1	HERVELLA et al. 2012
			Magdalenian	Spain	La Chora	1	HERVELLA et al. 2012
			Magdalenian	Spain	La Pasiega	1	HERVELLA et al. 2012
			Magdalenian (12310 BP)	Spain	Erralla	1	HERVELLA et al. 2012
			6600±65 BP	Spain	Aizpea	1	HERVELLA et al. 2012
			6950±50 BP	Spain	La Brana	2	SÁNCHEZ-QUINTO et al. 2012
			Magdalenian	Spain	El Miron	1	POSTH et al. 2016
			8028–6411 cal BC	Portugal	Toledo	1	CHANDLER et al. 2005; CHANDLER 2003
			5992–5715 cal BC	Portugal	Arapouco	2	CHANDLER et al. 2005; CHANDLER 2003
			5064–4715 cal BC	Portugal	Cabeço das Amoreiras	1	CHANDLER et al. 2005; CHANDLER 2003
	5214–4805 cal BC	Portugal	Cabeço de Pez	3	CHANDLER et al. 2005; CHANDLER 2003		
	5770–5229 cal BC	Portugal	Poças de São Bento	1	CHANDLER et al. 2005; CHANDLER 2003		
Hunter-Gatherer East Europe/ West Asia	HGE		7000 BP	Russia	Popovo	2	DER SARKISSIAN et al. 2013
			7500 BP	Russia	Yuzhnyy Oleni Ostrov	9	DER SARKISSIAN et al. 2013
			31000–28000 BC	Russia	Kostenki	1	KRAUSE et al. 2010
			5640–5555 cal BC	Russia	Lebyazhinka IV Samara oblast	1	HAAK et al. 2015
			7800 cal BC	Russia	ChekalinoI	1	BRAMANTI et al. 2009
			8000–7000 cal BC	Russia	Lebyazhinka	1	BRAMANTI et al. 2009

Suppl. Tab. 5. Summary of published prehistoric mtDNA data, used for population genetic analyses.

Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
Hunter-Gatherer Iron Gates	HG-IG		6200–5900 BC	Serbia	Vlasac	17	MATHIESON et al. 2018
			6400–5900 BC	Serbia	Hajduka Vodenica	6	MATHIESON et al. 2018
			9500–6200 BC	Serbia	Padina	12	MATHIESON et al. 2018
			7500–6300 BC	Romania	Schela Cladovei	4	MATHIESON et al. 2018
			7100–6400 BC	Romania	Ostrovul Corbului	3	MATHIESON et al. 2018
Neolithic Anatolia	ANAT		6400–5600 cal BC	Turkey	Menteşe Höyük	5 (2 for sequence analyses)	MATTHIESON et al. 2015
			6600–6200 cal BC	Turkey	Barcın Höyük	21 (16 for sequence analyses)	MATTHIESON et al. 2015
Neolithic aDNA data from the Alföld (eastern Hungary)	ALBK-2–3 Körös ALBK 2–3 ALBK-TiBu ALBK-Esztár ALBK-Bükk ALBK-Late		5250–5000 cal BC	Hungary	Ecsegfalva	1	HAAK et al. 2005
			5710–5570 cal BC	Hungary	Berettyóújfalú-Morotva-liget	1	GAMBA et al. 2014
			5310–5070 cal BC	Hungary	Polgár-Ferenci-hát	1	GAMBA et al. 2014
			5290–5050 cal BC	Hungary	Polgár-Ferenci-hát	1	GAMBA et al. 2014
			5290–5060 cal BC	Hungary	Debrecen Tócsópart Erdőalja	1	GAMBA et al. 2014
			5210–5010 cal BC	Hungary	Garadna	1	GAMBA et al. 2014
			5210–4990 cal BC	Hungary	Kompolt-Kígyósér	1	GAMBA et al. 2014
Middle/Late Neolithic in South-East Romania	ROM_ MLN	5500–4500 BC		Romania	Varasti	14	HERVELLA et al. 2015
				Romania	Curatesti	2	HERVELLA et al. 2015
				Romania	Sultana-Valea Orbului	12	HERVELLA et al. 2015
				Romania	Sultana-Malu Rosu	10	HERVELLA et al. 2015
Linearbandkeramik culture in Central Europe	LBK	5500–4775 cal BC		Austria	Asparn Schletz 2	1	HAAK et al. 2005
			5360–5040 cal BC	Czech Republic	Vedrovice	6	BRAMANTI 2008
				Germany	Flomborn	6	HAAK et al. 2005
				Germany	Schwetzingen	4	HAAK et al. 2005
				Germany	Vaihingen	1	HAAK et al. 2005
				Germany	Seehausen	1	HAAK et al. 2005
			5300–4933 cal BC	Germany	Derenburg	22	HAAK et al. 2005
			5221–5159 cal BC	Germany	Halberstadt	31	HAAK et al. 2005; BRANDT et al. 2013; HAAK et al. 2015
				Germany	Karsdorf	23	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Naumburg	4	BRANDT et al. 2013
				Germany	Oberwiederstedt I, Unterwiederstedt	8	HAAK et al. 2005; BRANDT et al. 2013
				Germany	Eilsleben	1	HAAK et al. 2005
				Germany	Viesenhäuser Hof Stuttgart-Mühlhausen	10	LAZARIDIS et al. 2014; HAAK et al. 2015
				Germany	Esperstedt	1	BRANDT et al. 2013
	Germany	Halberstadt, Sonntagsfeld	1	BRANDT et al. 2013; HAAK et al. 2015			
Rössen culture	RSC	4625–4250 cal BC		Germany	Oberwiederstedt III, Schrammhöhe	9	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Oberwiederstedt IV, Arschkerbe Ost	1	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Wittmar	6	LEE et al. 2013
Schöningen group	SCG	4100–3950 cal BC		Germany	Salzmünde, Schiebig	33	BRANDT et al. 2013

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Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
Baalberge culture	BAC	5500–4775 cal BC		Germany	Esperstedt	1	BRANDT et al. 2013
				Germany	Halle-Queis	3	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Karsdorf	1	BRANDT et al. 2013
				Germany	Quedlinburg VII 2	7	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Quedlinburg VII 3	1	BRANDT et al. 2013
				Germany	Quedlinburg IX	6	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Salzmünde, Schiebzig	1	BRANDT et al. 2013
Salzmünde culture	SMC	3400–3100/3025 cal BC		Germany	Esperstedt	1	BRANDT et al. 2013, HAAK et al. 2015
				Germany	Salzmünde, Schiebzig	28	BRANDT et al. 2013; HAAK et al. 2015
Bernburg culture	BEC	3100–2650 cal BC		Germany	Benzingerode I	17	BRANDT et al. 2013; HAAK et al. 2015
Corded Ware culture	CWC	2800–2200/2050 cal BC		Germany	Esperstedt	12	BRANDT et al. 2013; HAAK et al. 2015
			2619–2465 cal BC	Germany	Eulau	12	HAAK et al. 2008; BRANDT et al. 2013
				Germany	Karsdorf	14	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Oberwiederstedt II	4	BRANDT et al. 2013
				Germany	Quedlinburg VII 2	1	BRANDT et al. 2013
				Germany	Quedlinburg XII	1	BRANDT et al. 2013
				Germany	Benzingerode, Heimburg	1	BRANDT et al. 2013
				Germany	Tiefbrunn	3	ALLENTOFT et al. 2015
				Germany	Bergrheinfeld	1	ALLENTOFT et al. 2015
				Germany	Alberstedt	1	BRANDT et al. 2013; HAAK et al. 2015
Bell Beaker culture	BBC	2500–2200/2050 cal BC		Germany	Benzingerode, Heimburg	6	BRANDT et al. 2013
				Germany	Eulau	3	BRANDT et al. 2013
				Germany	Karsdorf	3	BRANDT et al. 2013
				Germany	Quedlinburg VII 2	7	BRANDT et al. 2013
				Germany	Quedlinburg XII	3	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Rothenschirmbach	5	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Kromsdorf	6	LEE et al. 2012
				Germany	Augsburg	2	ALLENTOFT et al. 2015
				Germany	Landau an der Isar	1	ALLENTOFT et al. 2015
				Germany	Osterhofen-Altenmarkt	2	ALLENTOFT et al. 2015
				Germany	Knezeves	2	ALLENTOFT et al. 2015
				Germany	Brandysek	2	ALLENTOFT et al. 2015
				Germany	Alberstedt	1	BRANDT et al. 2013
				Germany	Benzingerode, Heimburg	9	BRANDT et al. 2013
				Germany	Esperstedt	11	BRANDT et al. 2013; HAAK et al. 2015
	Germany	Eulau	19	BRANDT et al. 2013			
	Germany	Karsdorf	12	BRANDT et al. 2013			
	Germany	Leau 2	3	BRANDT et al. 2013			

Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
Únětice culture	UC	2200–1550 cal BC		Germany	Esperstedt	1	BRANDT et al. 2013
				Germany	Plötzkau 3	8	BRANDT et al. 2013
				Germany	Quedlinburg VII 2	14	BRANDT et al. 2013
				Germany	Quedlinburg VIII	6	BRANDT et al. 2013; HAAK et al. 2015
				Germany	Quedlinburg XII	1	BRANDT et al. 2013
				Germany	Quedlinburg XIV	1	BRANDT et al. 2013
				Germany	Röcken 2	9	BRANDT et al. 2013
				Poland	Wojkowice	1	ALLENTOFT et al. 2015
				Poland	Chociwel	1	ALLENTOFT et al. 2015
				Poland	Polwica	1	ALLENTOFT et al. 2015
				Poland	Przeclawice	1	ALLENTOFT et al. 2015
				Poland	Szczepankowice	1	ALLENTOFT et al. 2015
				Czech Republic	Velke Prilepy	1	ALLENTOFT et al. 2015
	Czech Republic	Moravska Nova Ves	1	ALLENTOFT et al. 2015			
North-East Iberia Neolithic	NEI_Neo		5475–5305 cal BC	Spain	Can Sadurni	5	GAMBA et al. 2012
			4250–3700 cal BC	Spain	Sant Pau del Camp	2	GAMBA et al. 2012
			5000–4500 BC	Spain	Avellaner cave	7	LACAN et al. 2011b
			5300–5050 cal BC	Spain	El Trocs	5	HAAK et al. 2015
			5470–5220 cal BC	Spain	Cova Bonica	1	OLALDE et al. 2015
			4500–4340 cal BC and 3940–3110 cal BC	Spain	El Trocs	5	SZÉCSÉNYI-NAGY et al. 2017
North-East Iberia Chalcolithic-Early Bronze Age	NEI_Cha_EBA		2900–2620 cal BC	Spain	Barranc d'en Rifa	15	SZÉCSÉNYI-NAGY et al. 2017
			3400–2300 cal BC	Spain	Balma de Sargantana	2	SZÉCSÉNYI-NAGY et al. 2017
			No 14C data (c. 2750–2300 BC)	Spain	Cova de la Ventosa	1	SZÉCSÉNYI-NAGY et al. 2017
			1850–1300/1200 cal BC	Spain	Miguel Vives	1	SZÉCSÉNYI-NAGY et al. 2017
			1850–1300/1200 cal BC	Spain	Can Gambus	8	SZÉCSÉNYI-NAGY et al. 2017
Central Iberia Neolithic	CI_Neo		5295–4985 cal BC	Spain	Alto de Rodilla	1	SZÉCSÉNYI-NAGY et al. 2017
			5083–4961 cal BC	Spain	Fuente Celada	1	SZÉCSÉNYI-NAGY et al. 2017
			4366–3721 cal BC	Spain	Fuente Pecina 1	4	SZÉCSÉNYI-NAGY et al. 2017
			4333–4056 cal BC and 4239–3714 cal BC	Spain	Fuente Pecina 2	4	SZÉCSÉNYI-NAGY et al. 2017
			–	Spain	Fuente Pecina 4	2	SZÉCSÉNYI-NAGY et al. 2017
			3759–3643 cal BC	Spain	Alto de Reinoso	27	ALT et al. 2016
			4000–3600 BC	Spain	La Mina	13	SZÉCSÉNYI-NAGY et al. 2017 (5 in Haak et al. 2015)
			3943–3636 cal BC	Spain	La Tarayuela	10	SZÉCSÉNYI-NAGY et al. 2017
			2835–2467 cal BC	Spain	El Juncal	14	SZÉCSÉNYI-NAGY et al. 2017
			2460–2200 cal BC	Spain	Arroyal I	5	SZÉCSÉNYI-NAGY et al. 2017
Central Iberia Chalcolithic	CI_CHA		2492–2334 cal BC	Spain	El Hundido	2	SZÉCSÉNYI-NAGY et al. 2017
			2840–1740 cal BC	Spain	Camino de las Yeseras	12	SZÉCSÉNYI-NAGY et al. 2017
			2850–2045 cal BC	Spain	Humanejos	15	SZÉCSÉNYI-NAGY et al. 2017
			2460–2150 cal BC	Spain	Valle de las Higueras	1	SZÉCSÉNYI-NAGY et al. 2017
			2860–2474 cal BC	Spain	Fuente Celada	2	SZÉCSÉNYI-NAGY et al. 2017
			3500–2050 cal BC	Spain	El Portalon	7	GÜNTHER et al. 2015
			2760–2200 years BC	Spain	El Mirador	21	GÓMEZ-SANCHEZ et al. 2014; MATHIESON et al. 2015

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
South-East Iberia (Neolithic, Chalcolithic, Bronze Age)	SEI_Neo_CHA_EBA		5470–5220 BC	Spain	Cova de l'Or	1	OLALDE et al. 2015
			5470–5220 BC	Spain	Cova de la Sarsa	1	OLALDE et al. 2015
			3850–2850 cal BC	Spain	Cova d'en Pardo	6	SZÉCSÉNYI-NAGY et al. 2017
			2250–2050 cal BC	Spain	Molinos del Papel	3	SZÉCSÉNYI-NAGY et al. 2017
			2615–2470 cal BC	Spain	Cova del Cantal	5	SZÉCSÉNYI-NAGY et al. 2017
			2960–2780 and 2460–2140 cal BC	Spain	Camino del Molino	18	SZÉCSÉNYI-NAGY et al. 2017
			2000–1550 cal BC	Spain	Fuente Alamo	3	SZÉCSÉNYI-NAGY et al. 2017
			2200–1550 cal BC	Spain	Lorca-Los Tintes	1	SZÉCSÉNYI-NAGY et al. 2017
			2200–1550 cal BC	Spain	Lorca-Madre Mercedarias	1	SZÉCSÉNYI-NAGY et al. 2017
			2200–1550 cal BC	Spain	Lorca-Castillo de Lorca	1	SZÉCSÉNYI-NAGY et al. 2017
			2200–1550 cal BC	Spain	Lorca-Rincón de Moncada	2	SZÉCSÉNYI-NAGY et al. 2017
			1850–1550 cal BC	Spain	La Bastida	2	SZÉCSÉNYI-NAGY et al. 2017
			1950–1850 cal BC	Spain	Tabayá	1	SZÉCSÉNYI-NAGY et al. 2017
			Neolithic and Chalcolithic in Portugal	SWI_Neo_CHA		5325–5210 and 5350–5225 cal BC	Portugal
5220–4880 and 4260–3650 cal BC	Portugal	Gruta de Nossa Senhora das Lapas				3	SZÉCSÉNYI-NAGY et al. 2017
4340–3350 cal BC	Portugal	Gruta do Cadaval				3	SZÉCSÉNYI-NAGY et al. 2017
–	Portugal	Gruta das Alcobertas				2	SZÉCSÉNYI-NAGY et al. 2017
3360–3097 cal BC	Portugal	Gruta do Poco Velho				2	SZÉCSÉNYI-NAGY et al. 2017
3635–2060 cal BC	Portugal	Gruta dos Ossos				4	SZÉCSÉNYI-NAGY et al. 2017
3077–2475 cal BC	Portugal	Tholos de Pai Mogo I				13	SZÉCSÉNYI-NAGY et al. 2017
3340–2880 cal BC	Portugal	Hipogeu de Monte Canelas I				5	SZÉCSÉNYI-NAGY et al. 2017
–	Portugal	Hipogeu de Monte Canelas III				1	SZÉCSÉNYI-NAGY et al. 2017
2800–2600 cal BC	Portugal	Bolores				1	SZÉCSÉNYI-NAGY et al. 2017
–	Portugal	Gruta de Malgasta				2	SZÉCSÉNYI-NAGY et al. 2017
–	Spain	Valencina – Area 9				3	SZÉCSÉNYI-NAGY et al. 2017
–	Portugal	Gruta do Carvalhal de Turquel				2	SZÉCSÉNYI-NAGY et al. 2017
Early/Middle Neolithic in France	N_FRA_Neo					5000–4000 BC	France
Middle Neolithic in France	TRE		3030–2890 cal BC	France	Treilles	29	LACAN et al. 2011a
Yamnaya	YAM	c. 3000–2500 BC		Bulgaria	Benkovski	1	WILDE et al. 2014
				Russia	Kalinovka I	1	WILDE et al. 2014
				Ukraine	Mayaki	3	WILDE et al. 2014
				Russia	Nikolaevka III	2	WILDE et al. 2014
				Russia	Olenii	2	WILDE et al. 2014
				Bulgaria	Ovchartsii	1	WILDE et al. 2014
				Russia	Peschanyi	1	WILDE et al. 2014
				Ukraine	Pestchanka II	1	WILDE et al. 2014
				Russia	Podlesnyj	2	WILDE et al. 2014
				Bulgaria	Popovo	3	WILDE et al. 2014
				Bulgaria	Riltsi	1	WILDE et al. 2014
				Ukraine	Kirovograd Sugokleya	4	WILDE et al. 2014

Name of the cultural horizon	Abbreviation	Chronology of a culture	Individual / site dates	Country	Archaeological site	n aDNA data	References
Yamnaya	YAM	c. 3000–2500 BC		Ukraine	Kirovograd Sugokleya	4	WILDE et al. 2014
				Moldova	Tetcani	1	WILDE et al. 2014
				Ukraine	Vinogradnoe	3	WILDE et al. 2014
			2910–2875 cal BC	Russia	Ekaterinovka	1	HAAK et al. 2015
			3500–2700 BC	Russia	Lopatino I	3	HAAK et al. 2015
			3500–2700 BC	Russia	Ishkinovka I	1	HAAK et al. 2015
			3021–2635 cal BC	Russia	Luzhki I	1	HAAK et al. 2015
			3010–2622 cal BC	Russia	Kurmanaevka III	1	HAAK et al. 2015
			3500–2700 BC	Russia	Lopatino II	1	HAAK et al. 2015
			3335–2881 cal BC	Russia	Kutuluk	1	HAAK et al. 2015
			3500–2700 BC	Russia	Belogor'e I, Volga River, Samara	1	HAAK et al. 2015
			2887–2634 cal BC	Russia	Temrta IV	3	ALLENTOFT et al. 2015
			3334–2635 cal BC	Russia	Peshany V	1	ALLENTOFT et al. 2015
			2849–2143 cal BC	Russia	Ulan IV	1	ALLENTOFT et al. 2015
			2880–2632 cal BC	Russia	Sukhaya Termista I	1	ALLENTOFT et al. 2015
Catacomb	CAT	c. 2700–2500 BC		Ukraine	Krasnorechensk	1	WILDE et al. 2014
				Ukraine	Lisichansk	3	WILDE et al. 2014
				Ukraine	Shakhta Stepnaya	1	WILDE et al. 2014
				Russia	Temrta III, V	5	WILDE et al. 2014
		c. 2500–2000 BC		Ukraine	Nevskoe	2	WILDE et al. 2014
				Ukraine	Novozvanovka II	2	WILDE et al. 2014
				Russia	Peschanyi	4	WILDE et al. 2014
				Ukraine	Kirovograd Sugokleya	1	WILDE et al. 2014
				Russia	Temrta III	2	WILDE et al. 2014
				Moldova	Tetcani	1	WILDE et al. 2014
	Ukraine	Vinogradnoe	2	WILDE et al. 2014			
Bronze Age Siberia	SIB_BA	1800–1400 BC		Russia	Solenoozernaia I, IV	6	KEYSER et al. 2009
				Russia	Tatarka	2	KEYSER et al. 2009
				Russia	Oust-Abakansty	2	KEYSER et al. 2009
				Russia	Bogratsky	1	KEYSER et al. 2009
			1005–815 cal BC	Russia	Afontova Gora	2	ALLENTOFT et al. 2015
			1727–1298 cal BC	Russia	Kytmanovo	4	ALLENTOFT et al. 2015
			1531–1268 cal BC	Russia	Sabinka 2	2	ALLENTOFT et al. 2015
			1414–1261 cal BC	Russia	Arban 1	3	ALLENTOFT et al. 2015
			1496–1306 cal BC	Russia	Bystrovka	2	ALLENTOFT et al. 2015
		Bronze Age Central Asia	CA_BA	1300–1100 BC		Kazakhstan	Ak-Mustafa
	Kazakhstan				Izmaylovka	2	LALUEZA-FOX et al. 2004
	Kazakhstan				Oi-Zhaylau-III	2	LALUEZA-FOX et al. 2004
	Kazakhstan				Vodokhranilische	3	LALUEZA-FOX et al. 2004
	2298–1754 cal BC			Russia	Bulanovo	2	ALLENTOFT et al. 2015
	2126–1896 cal BC			Russia	Stepnoe VII	1	ALLENTOFT et al. 2015
	1960–1756 cal BC			Russia	Bol'shekaraganskii	1	ALLENTOFT et al. 2015
	1598–1398 cal BC			Russia	Kapova cave	1	ALLENTOFT et al. 2015
	2120–1887 cal BC	Kazakhstan	Tanabergen II	3	ALLENTOFT et al. 2015		

Mitochondrial DNA haplogroup

	H	HV	V	J	K	NIb	NIa	R	T1	T2	U	U2	U3	U4	U5	U5a	U5b	U8	W	X
HGCN (n = 35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	5.71	8.57	0.00	5.71	0.00	31.43	45.71	0.00	0.00	0.00
ANAT_Neo (n = 26)	7.69	0.00	0.00	7.69	34.62	3.85	15.38	0.00	0.00	7.69	0.00	0.00	7.69	0.00	0.00	0.00	0.00	0.00	3.85	7.69
Körös (n = 15)	20.00	0.00	6.67	6.67	40.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67
ALBK-1 (n = 28)	25.00	7.14	3.57	3.57	17.86	0.00	7.14	3.57	0.00	10.71	0.00	0.00	0.00	7.14	0.00	3.57	3.57	0.00	0.00	3.57
ALBK-Szakálhát (n = 51)	17.65	1.96	3.92	27.45	11.76	0.00	3.92	0.00	3.92	21.57	0.00	0.00	0.00	1.96	0.00	0.00	3.92	0.00	1.96	0.00
ALBK-TiBu (n = 46)	10.87	2.17	2.17	15.22	8.70	0.00	8.70	0.00	4.35	15.22	0.00	0.00	2.17	2.17	0.00	6.52	4.35	2.17	0.00	15.22
ALBK-Esztár (n = 21)	19.05	9.52	9.52	9.52	33.33	0.00	0.00	4.76	0.00	4.76	0.00	0.00	0.00	0.00	0.00	4.76	0.00	4.76	0.00	0.00
ALBK-2-3 (n = 34)	17.65	2.94	0.00	11.76	26.47	0.00	14.71	0.00	2.94	11.76	0.00	0.00	0.00	2.94	0.00	2.94	5.88	0.00	0.00	0.00
Tisza (n = 45)	11.11	8.89	0.00	28.89	13.33	2.22	4.44	0.00	2.22	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67	0.00	2.22
Starčevo (n = 44)	6.82	2.27	6.82	11.36	27.27	0.00	6.82	0.00	2.27	20.45	0.00	0.00	2.27	2.27	0.00	0.00	0.00	0.00	4.55	6.82
LBKT (n = 42)	26.19	2.38	2.38	7.14	19.05	0.00	9.52	0.00	2.38	23.81	0.00	4.76	0.00	0.00	0.00	2.38	0.00	0.00	0.00	0.00
Vinča (n = 30)	3.33	3.33	0.00	10.00	30.00	0.00	13.33	0.00	0.00	20.00	0.00	3.33	10.00	0.00	0.00	6.67	0.00	0.00	0.00	0.00
Sopot (n = 36)	25.00	11.11	0.00	13.89	13.89	0.00	11.11	0.00	0.00	13.89	0.00	0.00	2.78	0.00	0.00	2.78	0.00	2.78	0.00	2.78
Lengyel (n = 82)	21.95	7.32	0.00	7.32	17.07	0.00	12.20	0.00	0.00	18.29	0.00	0.00	0.00	0.00	1.22	1.22	3.66	7.32	1.22	1.22
Balaton Lásinja (n = 12)	25.00	8.33	0.00	8.33	8.33	0.00	0.00	0.00	8.33	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.67	0.00

Suppl. Tab. 6. Haplogroup frequency changes in Western Hungary and Central Europe.

HGCN	STA	KOR	ALBK1	VIN	LBKT	ALBK23	SOP	LGY	TIS	BL
HGCN	7.7919e-07	9.3051e-06	7.7919e-07	4.8631e-06	2.1945e-06	7.7919e-07	7.7919e-07	7.7919e-07	7.7919e-07	7.7919e-07
ANAT	0.4799	0.7705	*	*	*	*	*	*	*	*
STA			0.1098	0.4937	0.4153	0.5100	*	*	*	*
KOR			0.0765	0.1427	0.1752	0.0611	*	*	*	*
ALBK-1				*	0.8586	0.9438	*	*	*	*
VIN					0.1333	0.0611	0.1762	0.1350	0.0898	*
LBKT							0.1648	0.1350	*	*
ALBK-2-3							0.8183	0.6698	0.5867	*
SOP								0.7493	0.6580	0.3446
LGY										0.2271

Suppl. Tab. 7. Test of population continuity. Combined p values are presented.

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

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Continent	Region	Population	Abbr.	n	CDZAFM	H	HV	V	I	J	K	N	N1b	N1a	R	T	T1	T2	U	U2	U3	U4	U5a	U5b	U8	W	X	L	
Europe, central, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherer Central and North	HGCN	35	0	0	0	0	0	0	0	0	0	0	2.857142857	0	0	0	5.714285714	8.571428571	0	5.714285714	31.42857143	45.71428571	0	0	0		
Europe, south	Spain, Portugal	Hunter-Gatherer South-West	HGSW	15	0	46.66666667	0	0	0	0	0	13.33333333	0	0	0	0	0	0	0	0	0	6.666666667	0	33.33333333	0	0	0		
Europe, east	Russia	Hunter-Gatherer East	HGE	15	20	6.666666667	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	26.66666667	26.66666667	0	0	0	0		
Europe, central, south-east	Romania, Serbia	Hunter-Gatherer Iron Gates	HG_IG	41	0	0	0	0	0	0	17.07317073	0	0	0	0	0	0	0	0	0	0	46.34146341	19.51219512	2.43902439	0	0	0		
Asia, south-west	Turkey	Early Neolithic	ANAT in Anatolia	26	0	7.692307692	0	0	0	7.692307692	34.61538462	0	3.846153846	15.38461538	0	0	0	7.692307692	0	0	7.692307692	0	0	0	3.846153846	3.846153846	7.692307692	0	
Europe, central	Alföld	Körös	KOR	15	0	20	0	6.666666667	0	6.666666667	40	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	6.666666667	0	
Europe, central	Alföld	Szatmar	ALBK-1	28	0	25	7.142857143	3.571428571	0	3.571428571	17.85714286	0	0	7.142857143	3.571428571	0	0	0	10.71428571	0	0	0	7.142857143	3.571428571	3.571428571	3.571428571	0	3.571428571	0
Europe, central	Alföld	Alföld Linearband-keramik culture	ALBK-2-3	152	0	15.78947368	3.289473684	3.289473684	0	17.76315789	17.10526316	0	0	7.236842105	0.657894737	0	3.289473684	15.13157895	0	0	0.657894737	1.973684211	3.289473684	3.947368421	1.315789474	0.657894737	4.605263158	0	
Europe, central	Alföld	Tisza	TIS	45	0	11.11111111	8.888888889	0	0	28.88888889	13.33333333	0	2.222222222	4.444444444	0	0	2.222222222	20	0	0	0	0	0	0	6.666666667	0	2.222222222	0	
Europe, central, south-east	Hungary, Croatia	Starčevo culture	STA	44	0	6.818181818	2.272727273	6.818181818	0	11.36363636	27.27272727	0	0	6.818181818	0	0	2.272727273	20.45454545	0	0	2.272727273	2.272727273	0	0	0	4.545454545	6.818181818	0	
Europe, central	Hungary	Linear Pottery culture in Transdanubia	LBKT	42	0	28.57142857	2.380952381	2.380952381	0	7.142857143	16.66666667	0	0	9.523809524	0	0	2.380952381	23.80952381	0	4.761904762	0	0	2.380952381	0	0	0	0	0	
Europe, central	Hungary	Vinča culture	VIN	30	0	3.333333333	3.333333333	0	0	10	30	0	0	13.33333333	0	0	0	20	0	3.333333333	10	0	6.666666667	0	0	0	0	0	
Europe, central	Hungary	Sopot culture	SOP	36	0	22.22222222	11.11111111	0	0	13.88888889	13.88888889	0	0	11.11111111	0	0	0	13.88888889	0	0	2.777777778	0	2.777777778	0	2.777777778	0	2.777777778	0	
Europe, central	Hungary	Lengyel culture	LGY	82	0	21.95121951	7.317073171	0	0	7.317073171	17.07317073	0	0	12.19512195	0	0	0	18.29268293	1.219512195	0	0	0	1.219512195	3.658536585	7.317073171	1.219512195	1.219512195	0	
Europe, central	Hungary	Balaton-Lasinja culture	BL	12	0	25	8.333333333	0	0	8.333333333	8.333333333	0	0	0	0	0	8.333333333	25	0	0	0	0	0	0	0	16.66666667	0	0	
Europe, east	Romania	Middle Neolithic in South-East Romania	S_ROM_Neo	38	0	63.15789474	2.631578947	0	0	7.894736842	5.263157895	0	0	0	2.631578947	0	2.631578947	0	7.894736842	0	0	2.631578947	0	2.631578947	0	2.631578947	0	0	
Europe, central	Germany, Austria, Czech Republic	Linear Pottery culture in Central Europe	LBK	116	0	16.37931034	5.172413793	3.448275862	0	11.20689655	18.96551724	0	0	11.20689655	0	0	0	25.86206897	0	0	0.862068966	0	1.724137931	0.862068966	0	3.448275862	0.862068966	0	
Europe, central	Germany	Rössen culture	RSC	18	0	27.77777778	22.22222222	5.555555556	0	0	11.11111111	0	0	5.555555556	0	0	0	11.11111111	0	0	0	0	0	11.11111111	0	0	5.555555556	0	
Europe, central	Germany	Schöninger group	SCG	33	0	15.15151515	3.03030303	0	0	15.15151515	30.3030303	0	0	3.03030303	0	0	0	12.12121212	0	0	0	0	0	6.060606061	3.03030303	9.090909091	3.03030303	0	
Europe, central	Germany	Baalberge culture	BAC	20	0	25	5	0	0	5	15	0	0	5	0	0	0	25	0	0	0	0	0	5	5	0	10	0	
Europe, central	Germany	Salzmünde culture	SMC	29	0	31.03448276	3.448275862	3.448275862	0	20.68965517	10.34482759	0	0	6.896551724	0	0	0	6.896551724	0	0	10.34482759	0	0	3.448275862	0	0	3.448275862	0	
Europe, central	Germany	Bernburg culture	BEC	17	0	23.52941176	0	5.882352941	0	0	17.64705882	0	0	0	0	0	0	11.76470588	0	0	0	0	11.76470588	17.64705882	0	5.882352941	5.882352941	0	
Europe, central	Germany	Corded Ware culture	CWC	49	0	20.40816327	2.040816327	0	2.040816327	10.20408163	12.24489796	0	0	0	0	0	8.163265306	10.20408163	0	2.040816327	0	8.163265306	8.163265306	8.163265306	0	2.040816327	6.12244898	0	
Europe, central	Germany, Czech Republic	Bell Beaker culture	BBC	44	0	45.45454545	0	0	2.272727273	2.272727273	6.818181818	0	0	0	0	0	4.545454545	4.545454545	0	2.272727273	0	4.545454545	13.63636364	6.818181818	0	6.818181818	0		
Europe, Czech Republic	Germany, Poland, Czech Republic	Únětice culture	UC	101	0	20.79207921	1.98019802	2.97029703	11.88118812	5.940594059	8.910891089	0	0	0	0.99009901	0	1.98019802	6.930693069	0.99009901	6.930693069	0	1.98019802	12.87128713	2.97029703	2.97029703	3.96039604	4.95049505	0	
Europe, south-west	Spain	Central Iberia Neolithic	CL_NEO	62	0	12.90322581	3.225806452	3.225806452	0	8.064516129	24.19354839	0	0	0	0	1.612903226	0	11.29032258	0	1.612903226	1.612903226	1.612903226	0	19.35483871	0	0	11.29032258	0	
Europe, south-west	Spain	Central Iberia Chalcolithic all	CL_CHAall	79	0	22.78481013	0	1.265822785	0	13.92405063	25.3164557	0	0	0	0	0	8.860759494	0	0	1.265822785	0	5.063291139	13.92405063	0	0	6.329113924	1.265822785	0	
Europe, south-west	Spain	North-East Iberia Neolithic	NEI_Neo	25	0	12	0	4	0	8	32	12	0	4	0	0	0	16	0	0	4	0	0	4	0	0	4	0	
Europe, south-west	Spain	North-East Iberia Chalcolithic-Early Bronze Age	NEI_CHA_EBA	27	0	14.81481481	7.407407407	0	0	14.81481481	29.62962963	0	0	0	0	0	0	7.407407407	0	0	3.703703704	0	0	14.81481481	0	0	7.407407407	0	
Europe, south-west	Spain	South-East Iberia (Neolithic, Chalcolithic)	SEI_Neo_Cha_EBA	46	0	32.60869565	4.347826087	8.695652174	0	15.2173913	19.56521739	0	0	0	0	2.173913043	0	2.173913043	0	0	0	4.347826087	0	8.695652174	0	0	2.173913043	0	
Europe, south-west	Portugal, Spain	South-West Iberia (Neolithic, Chalcolithic)	SWI_Neo_CHA	42	0	16.66666667	2.380952381	2.380952381	0	14.28571429	35.71428571	0	0	0	0	0	0	14.28571429	0	0	0	4.761904762	0	9.523809524	0	0	0	0	
Europe, central	France	Treilles culture	TRE	29	0	20.68965517	6.896551724	3.448275862	0	20.68965517	6.896551724	0	0	0	0	0	0	6.896551724	3.448275862	0	0	0	3.448275862	13.79310345	0	0	13.79310345	0	
Europe, central	France	Gurgy 'Les Noisats', Early / Middle Neolithic	N_FRA_Neo	39	0	33.33333333	0	5.128205128	0	12.82051282	17.94871795	0	0	7.692307692	0	2.564102564	0	0	10.25641026	0	0	0	0	5.128205128	0	0	5.128205128	0	
Asia, east	Russia	Bronze Age Siberia	SIB_BA	24	25	8.333333333	0	0	4.166666667	0	4.166666667	0	0	0	0	0	4.166666667	4.166666667	0	12.5	0	20.83333333	16.66666667	0	0	0	0	0	
Asia, central	Kazakhstan, Russia	Bronze Age Central Asia	CA_BA	16	6.25	6.25	6.25	0	12.5	18.75	0	0	0	6.25	0	0	12.5	6.25	0	12.5	0	0	6.25	6.25	0	0	0	0	
Europe, east	Russia, Ukraina, Bulgaria	Yamnaya	YAM	42	2.380952381	16.66666667	0	0	2.380952381	4.761904762	9.523809524	0	0	2.380952381	0	4.761904762	4.761904762	9.523809524	2.380952381	2.380952381	0	7.142857143	21.42857143	0	0	7.142857143	2.380952381	0	
Europe, east	Russia, Ukraina, Bulgaria	Catacomb	CAT	24	0	25	4.166666667	0	4.166666667	8.333333333	0	0	0	0	8.333333333	0	8.333333333	0	0	0	0	29.16666667	12.5	0	0	0	0	0	

Continent	Country	Population	Abbr.	n	H	H5	HV	HV0	V	I	J	K	N1b	N1a	R	T1	T2	U	U2	U3	U4	U5	U5a	U5b	U8	W	X	
Europe, central, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherer Central and North	HGCN	35	0	0	0	0	0	0	0	0	0	0	0.028571429	0	0	0.057142857	0.085714286	0	0.057142857	0	0.314285714	0.457142857	0	0	0	
Europe, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherer Central and North*	HGCN*	32	0	0	0	0	0	0	0	0	0	0	0.03125	0	0	0.0625	0.0625	0	0.0625	0	0.34375	0.4375	0	0	0	
Asia, south-west	Turkey	Neolithic in Anatolia	ANAT	26	0.038461538	0.038461538	0	0	0	0	0.076923077	0.346153846	0.038461538	0.153846154	0	0	0	0.076923077	0	0	0.076923077	0	0	0	0	0.038461538	0.038461538	0.076923077
Europe, central	Hungary	Körös	KOR	15	0.2	0	0	0	0.066666667	0	0.066666667	0.4	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.066666667
Europe, central	Hungary	Körös*	KOR*	12	0.25	0	0	0	0.083333333	0	0.083333333	0.333333333	0	0	0	0	0	0.166666667	0	0	0	0	0	0	0	0	0	0.083333333
Europe, central	Hungary	ALBK-Szatmar	ALBK-1	28	0.142857143	0.107142857	0.071428571	0	0.035714286	0	0.035714286	0.178571429	0	0.071428571	0.035714286	0	0.107142857	0	0	0	0.071428571	0	0.035714286	0.035714286	0.035714286	0	0.035714286	
Europe, central	Hungary	ALBK-Szatmar*	ALBK-1*	24	0.125	0.083333333	0.041666667	0	0.041666667	0	0.041666667	0.166666667	0	0.083333333	0.041666667	0	0.125	0	0	0	0.083333333	0	0.041666667	0.041666667	0.041666667	0	0.041666667	
Europe, central	Hungary	ALBK-Tiszadob-Bükk	ALBK-TB	46	0.108695652	0	0	0.02173913	0.02173913	0	0.152173913	0.086956522	0	0.086956522	0	0.043478261	0.152173913	0	0	0.02173913	0.02173913	0	0.065217391	0.043478261	0.02173913	0	0.152173913	
Europe, central	Hungary	ALBK-Tiszadob-Bükk*	ALBK-TB*	40	0.1	0	0	0.025	0.025	0	0.15	0.1	0	0.075	0	0.05	0.075	0	0	0.025	0.025	0	0.075	0.05	0.025	0	0.15	
Europe, central	Hungary	ALBK-Eszár	ALBK-Esz	21	0.142857143	0.047619048	0.047619048	0.047619048	0.095238095	0	0.095238095	0.333333333	0	0	0.047619048	0	0.047619048	0	0	0	0	0	0.047619048	0	0.047619048	0	0.047619048	
Europe, central	Hungary	ALBK-Eszár*	ALBK-Esz*	20	0.15	0.05	0.05	0.05	0.1	0	0.1	0.3	0	0	0.05	0	0.05	0	0	0	0	0	0.05	0	0.05	0	0	
Europe, central	Hungary	ALBK-2-3	ALBK-2-3	34	0.117647059	0.058823529	0.029411765	0	0	0	0.117647059	0.264705882	0	0.147058824	0	0.029411765	0.117647059	0	0	0	0.029411765	0	0.029411765	0.058823529	0	0	0	
Europe, central	Hungary	ALBK-2-3*	ALBK-2-3*	31	0.096774194	0.032258065	0.032258065	0	0	0	0.129032258	0.258064516	0	0.161290323	0	0.032258065	0.129032258	0	0	0	0.032258065	0	0.032258065	0.064516129	0	0	0	
Europe, central	Hungary	ALBK-Székely	ALBK-Sz	51	0.137254902	0.039215686	0	0.019607843	0.039215686	0	0.274509804	0.117647059	0	0.039215686	0	0.039215686	0.215686275	0	0	0	0.019607843	0	0	0.039215686	0	0.019607843	0	
Europe, central	Hungary	ALBK-Székely*	ALBK-Sz*	42	0.166666667	0.047619048	0	0.023809524	0.047619048	0	0.19047619	0.119047619	0	0.047619048	0	0.047619048	0.214285714	0	0	0.023809524	0	0	0.047619048	0	0.023809524	0	0.023809524	
Europe, central	Hungary	Tisza	TIS	45	0.111111111	0	0	0.066666667	0.022222222	0	0	0.288888889	0.133333333	0.022222222	0.044444444	0	0.022222222	0.2	0	0	0	0	0	0	0	0.066666667	0	0.022222222
Europe, central	Hungary	Tisza*	TIS*	34	0.117647059	0	0.058823529	0.058823529	0	0	0.205882353	0.147058824	0.029411765	0.029411765	0	0.029411765	0.235294118	0	0	0	0	0	0	0	0.058823529	0	0.029411765	
Europe, central, south-east	Hungary, Croatia	Starčevo culture	STA	44	0.045454545	0.022727273	0	0.022727273	0.068181818	0	0.113636364	0.272727273	0	0.068181818	0	0.022727273	0.204545455	0	0	0.022727273	0.022727273	0	0	0	0	0.045454545	0.068181818	
Europe, central, south-east	Hungary, Croatia	Starčevo culture*	STA*	40	0.025	0.025	0	0.025	0.075	0	0.1	0.275	0	0.075	0	0.025	0.2	0	0	0.025	0.025	0	0	0	0	0.05	0.075	
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia	LBKT	42	0.214285714	0.047619048	0.023809524	0	0.023809524	0	0.071428571	0.19047619	0	0.095238095	0	0.023809524	0.238095238	0	0.047619048	0	0	0	0.023809524	0	0	0	0	
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia*	LBKT*	37	0.216216216	0.054054054	0.027027027	0	0.027027027	0	0.054054054	0.189189189	0	0.108108108	0	0.027027027	0.216216216	0	0.054054054	0	0	0	0.027027027	0	0	0	0	
Europe, central	Hungary	Vinča culture	VIN	30	0.033333333	0	0	0.033333333	0	0	0.1	0.3	0	0.133333333	0	0	0.2	0	0.033333333	0.1	0	0	0.066666667	0	0	0	0	
Europe, central	Hungary	Vinča culture*	VIN*	27	0.037037037	0	0	0.037037037	0	0	0.111111111	0.296296296	0	0.148148148	0	0	0.148148148	0	0.037037037	0.111111111	0	0	0.074074074	0	0	0	0	
Europe, central	Hungary	Sopot culture	SOP	36	0.111111111	0.138888889	0.027777778	0.083333333	0	0	0.138888889	0.138888889	0	0.111111111	0	0	0.138888889	0	0	0.027777778	0	0	0.027777778	0	0.027777778	0	0.027777778	
Europe, central	Hungary	Sopot culture*	SOP*	31	0.096774194	0.032258065	0.096774194	0	0.096774194	0	0.129032258	0.161290323	0	0.096774194	0	0	0.161290323	0	0.032258065	0	0	0.032258065	0	0.032258065	0	0.032258065		
Europe, central	Hungary	Lengyel culture	LGY	82	0.170731707	0.048780488	0.036585366	0.036585366	0	0	0.073170732	0.170731707	0	0.12195122	0	0	0.182926829	0	0	0	0.012195122	0.012195122	0.036585366	0.073170732	0.012195122	0.012195122		
Europe, central	Hungary	Lengyel culture*	LGY*	64	0.1875	0.046875	0.046875	0.03125	0	0	0.0625	0.140625	0	0.15625	0	0	0.15625	0	0	0	0.015625	0.015625	0.03125	0.078125	0.015625	0.015625		
Europe, central	Hungary	Balaton-Lásinja culture	BL	12	0.25	0	0.083333333	0	0	0	0.083333333	0.083333333	0	0	0	0.083333333	0.25	0	0	0	0	0	0	0	0	0.166666667	0	
Europe, central	Hungary	Balaton-Lásinja culture*	BL*	10	0.2	0	0.1	0	0	0	0.1	0.1	0	0	0	0.1	0.3	0	0	0	0	0	0	0	0	0.1		
Europe, east	Romania	Middle and Neolithic in Romania	S_ROM_Neo	38	0.605263158	0.026315789	0.026315789	0	0	0	0.078947368	0.052631579	0	0	0.026315789	0.026315789	0	0.052631579	0	0	0.026315789	0.026315789	0	0.026315789	0	0.026315789		
Europe, east	Romania	Middle and Neolithic in Romania*	S_ROM_Neo*	30	0.5	0.033333333	0.033333333	0	0	0	0.1	0.066666667	0	0	0.033333333	0.033333333	0	0.066666667	0	0	0.033333333	0.033333333	0	0.033333333	0	0.033333333		
Europe, central	Germany, Austria, Czech Republic	Linearbandkeramik culture in Central Europe	LBK	116	0.163793103	0	0.051724138	0	0.034482759	0	0.112068966	0.189655172	0	0.112068966	0	0	0.25862069	0	0	0.00862069	0	0	0.017241379	0.00862069	0	0.034482759	0.00862069	
Europe, central	Germany, Austria, Czech Republic	Linearbandkeramik culture in Central Europe* LBK*	94	0.180851064	0	0.042553191	0	0.021276596	0	0.095744681	0.191489362	0	0.127659574	0	0	0.255319149	0	0	0.010638298	0	0	0.021276596	0.010638298	0	0.031914894	0.010638298		
Europe, central	Germany	Rössen culture	RSC	18	0.166666667	0.111111111	0	0.222222222	0.055555556	0	0	0.111111111	0	0.055555556	0	0	0.111111111	0	0	0	0	0	0.111111111	0	0	0	0.055555556	
Europe, central	Germany	Rössen culture*	RSC*	15	0.133333333	0.133333333	0	0.133333333	0.066666667	0	0	0.133333333	0	0.066666667	0	0	0.133333333	0	0	0	0	0	0.133333333	0	0	0	0.066666667	
Europe, central	Germany	Schöninger group	SCG	33	0.151515152	0	0.03030303	0	0	0	0.151515152	0.303030303	0	0.03030303	0	0	0.121212121	0	0	0	0	0	0.060606061	0.03030303	0.090909091	0.03030303		
Europe, central	Germany	Schöninger group*	SCG*	25	0.16	0	0.04	0	0	0	0.12	0.28	0	0.04	0	0.12	0	0	0	0	0	0	0.08	0.04	0.08	0.04		
Europe, central	Germany	Baalberge culture	BAC	20	0.25	0	0.05	0	0	0	0.05	0.15	0	0.05	0	0.25	0	0	0	0	0	0	0.05	0.05	0	0.1		
Europe, central	Germany	Salzmünde culture	SMC	29	0.137931034	0.172413793	0.034482759	0	0.034482759	0	0.206896552	0.103448276	0	0.068965517	0	0	0.068965517	0	0	0.103448276	0	0	0.034482759	0	0	0.034482759		
Europe, central	Germany	Salzmünde culture*	SMC*	20	0.15	0.05	0.05	0	0.05	0	0.2	0.15	0	0.1	0	0.15	0	0	0.05	0	0	0.05						

Fst values / p-values Continent	Region	Population	Abbr.	n	HGCN	HGSW	HGE	HG_IG	ANA	KOR	ALBK1	ALBK2-3	TIS	STA	LBKT	VIN	SOP	LGY	BL	MN_ROM	LBK	RSC	SCG	BAC	SMC	BEC	CWC	BBC	UC	TRE	N_FRA_Neo	YAM	CAT	SIB_BA	
Europe, central, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherers Central and North	HGCN	35	*	0.00604±0.0009	0.00614±0.0008	0.01940±0.0015	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00050±0.0002	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000
Europe, south	Spain, Portugal	Hunter-Gatherers South-West	HGSW	15	0.09621	*	0.41154±0.0054	0.00188±0.0005	0.00020±0.0001	0.00030±0.0002	0.00743±0.0009	0.00257±0.0005	0.00020±0.0001	0.00089±0.0003	0.00050±0.0002	0.00129±0.0004	0.00099±0.0003	0.00198±0.0004	0.00030±0.0002	0.00327±0.0007	0.00099±0.0003	0.01673±0.0012	0.00079±0.0003	0.01277±0.0010	0.00010±0.0001	0.21374±0.0039	0.06732±0.0023	0.03099±0.0016	0.04821±0.0022	0.01485±0.0011	0.00307±0.0005	0.01990±0.0014	0.04544±0.0019	0.11276±0.0030	
Europe, east	Russia	Hunter-Gatherers East	HGE	15	0.10273	0.00298	*	0.00356±0.0006	0.00020±0.0001	0.00099±0.0003	0.00267±0.0005	0.00059±0.0002	0.00000±0.0000	0.00030±0.0002	0.00040±0.0002	0.00030±0.0002	0.00040±0.0002	0.00109±0.0003	0.00149±0.0004	0.00040±0.0002	0.00010±0.0001	0.01822±0.0012	0.00010±0.0001	0.01277±0.0011	0.00000±0.0000	0.10722±0.0030	0.01762±0.0013	0.01851±0.0014	0.01337±0.0011	0.01901±0.0013	0.00040±0.0002	0.02614±0.0015	0.03534±0.0019	0.36680±0.0051	
Europe, south-east	Serbia, Romania	Hunter-Gatherers Iron Gates	HG_IG	41	0.04282	0.12976	0.11245	*	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00436±0.0006	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	0.00000±0.0000	
Asia, south-west	Turkey	Early Neolithic in Anatolia	ANA	18	0.26249	0.11388	0.11292	0.22393	*	0.23443±0.0040	0.29769±0.0050	0.07168±0.0027	0.02564±0.0013	0.38442±0.0054	0.21394±0.0041	0.59182±0.0053	0.36115±0.0047	0.30452±0.0046	0.09633±0.0026	0.00010±0.0001	0.14593±0.0036	0.11692±0.0030	0.37610±0.0049	0.39511±0.0051	0.22245±0.0043	0.12900±0.0037	0.01327±0.0011	0.00030±0.0002	0.00317±0.0005	0.03079±0.0018	0.01307±0.0011	0.00178±0.0004	0.00000±0.0000	0.00050±0.0002	
Europe, central	Alföld	Körös	KOR	16	0.31240	0.15134	0.12913	0.27195	0.01843	*	0.10870±0.0030	0.04396±0.0019	0.02881±0.0019	0.55519±0.0052	0.14870±0.0038	0.24166±0.0047	0.04396±0.0021	0.15721±0.0036	0.05475±0.0021	0.00010±0.0001	0.10573±0.0031	0.02376±0.0016	0.45203±0.0053	0.29205±0.0049	0.01366±0.0011	0.10573±0.0033	0.02020±0.0014	0.00010±0.0001	0.00129±0.0004	0.00842±0.0009	0.00168±0.0004	0.00139±0.0004	0.00000±0.0000	0.00149±0.0004	
Europe, central	Alföld	Szatmar	ALBK-1	28	0.20783	0.05435	0.07275	0.17673	0.00704	0.02800	*	0.29888±0.0049	0.01356±0.0012	0.37085±0.0050	0.32512±0.0045	0.45144±0.0047	0.70409±0.0045	0.77260±0.0046	0.13424±0.0037	0.02158±0.0013	0.16206±0.0035	0.70518±0.0052	0.80883±0.0035	0.81111±0.0039	0.30215±0.0044	0.77497±0.0040	0.27958±0.0046	0.13454±0.0035	0.19919±0.0040	0.18038±0.0035	0.04564±0.0024	0.05603±0.0021	0.00386±0.0006	0.02723±0.0017	
Europe, central	Alföld	Alföld Linearbandkeramik culture	ALBK-2-3	152	0.19349	0.07551	0.09673	0.18363	0.02252	0.03292	0.00289	*	0.28235±0.0046	0.38679±0.0050	0.24354±0.0038	0.09405±0.0028	0.71171±0.0048	0.07494±0.0027	0.39382±0.0052	0.00069±0.0003	0.03386±0.0019	0.19691±0.0038	0.28690±0.0048	0.52916±0.0049	0.24592±0.0044	0.12929±0.0037	0.10662±0.0028	0.00020±0.0001	0.00000±0.0000	0.38600±0.0050	0.00495±0.0007	0.00188±0.0004	0.00020±0.0001	0.00059±0.0002	
Europe, central	Alföld	Tisza	TIS	45	0.27298	0.13137	0.14415	0.25624	0.04797	0.05430	0.03639	0.00233	*	0.14177±0.0038	0.07920±0.0027	0.03524±0.0021	0.14890±0.0037	0.02030±0.0015	0.34224±0.0048	0.00000±0.0000	0.04871±0.0021	0.01465±0.0012	0.08168±0.0028	0.19196±0.0044	0.07781±0.0028	0.00792±0.0009	0.01733±0.0014	0.00000±0.0000	0.00000±0.0000	0.06207±0.0023	0.00069±0.0003	0.00030±0.0002	0.00010±0.0001	0.00000±0.0000	
Europe, central, south-east	Hungary, Croatia	Starčevo culture	STA	44	0.24346	0.09450	0.10215	0.22404	0.00140	-0.00786	0.00133	0.00048	0.01083	*	0.38145±0.0054	0.36699±0.0049	0.43966±0.0046	0.40996±0.0051	0.32294±0.0046	0.00010±0.0001	0.33531±0.0045	0.17483±0.0035	0.74102±0.0040	0.74052±0.0045	0.09791±0.0033	0.13840±0.0033	0.03307±0.0016	0.00010±0.0001	0.00010±0.0001	0.05980±0.0021	0.00307±0.0006	0.00059±0.0002	0.00000±0.0000	0.00079±0.0003	
Europe, central	Hungary	Linear Pottery culture in Transdanubia	LBKT	42	0.23389	0.10877	0.11832	0.20249	0.01271	0.02307	0.00285	0.00364	0.01747	0.00072	*	0.77418±0.0037	0.81645±0.0038	0.37650±0.0055	0.25958±0.0038	0.00059±0.0002	0.97327±0.0015	0.16365±0.0036	0.18899±0.0038	0.43362±0.0040	0.23889±0.0041	0.14632±0.0040	0.01317±0.0011	0.00059±0.0002	0.00010±0.0001	0.05732±0.0025	0.00059±0.0002	0.00693±0.0008	0.00040±0.0002	0.00089±0.0003	
Europe, central	Hungary	Vinča culture	VIN	31	0.22197	0.10007	0.10283	0.18343	-0.00938	0.01327	-0.00153	0.01274	0.02957	0.00120	-0.01164	*	0.54391±0.0039	0.45174±0.0049	0.13919±0.0036	0.00000±0.0000	0.52312±0.0042	0.13573±0.0035	0.38709±0.0049	0.46847±0.0050	0.22928±0.0043	0.16355±0.0037	0.00743±0.0008	0.00079±0.0003	0.00020±0.0002	0.02297±0.0015	0.00149±0.0004	0.00248±0.0005	0.00000±0.0000	0.00178±0.0005	
Europe, central	Hungary	Sopot culture	SOP	37	0.21895	0.08475	0.09353	0.20043	0.00260	0.04055	-0.00828	-0.00479	0.01085	-0.00081	-0.01052	-0.00482	*	0.76250±0.0041	0.28245±0.0046	0.00267±0.0005	0.67340±0.0050	0.49708±0.0046	0.31829±0.0040	0.58638±0.0045	0.82566±0.0037	0.26681±0.0042	0.06019±0.0021	0.00307±0.0006	0.00297±0.0006	0.20939±0.0047	0.01653±0.0012	0.01871±0.0014	0.00059±0.0002	0.00099±0.0003	
Europe, central	Hungary	Lengyel culture	LGY	83	0.20191	0.07791	0.09435	0.18936	0.00507	0.01669	-0.00850	0.00681	0.02227	-0.00013	0.00070	-0.00139	-0.00703	*	0.14880±0.0035	0.00069±0.0003	0.24562±0.0038	0.18652±0.0035	0.44639±0.0051	0.72092±0.0049	0.11068±0.0031	0.19859±0.0039	0.00832±0.0008	0.00020±0.0001	0.00000±0.0000	0.02713±0.0017	0.00386±0.0006	0.00030±0.0002	0.00040±0.0002	0.00119±0.0004	
Europe, central	Hungary	Balaton-Lásinja culture	BL	12	0.27745	0.11549	0.11072	0.25308	0.04267	0.06880	0.02254	0.00002	0.00314	0.00573	0.01019	0.02712	0.00800	0.01984	*	0.00129±0.0004	0.22127±0.0038	0.09603±0.0025	0.25562±0.0047	0.81536±0.0041	0.08682±0.0025	0.10910±0.0031	0.35759±0.0048	0.02901±0.0017	0.05524±0.0023	0.36670±0.0052	0.00644±0.0008	0.29898±0.0044	0.00168±0.0004	0.01168±0.0010	
Europe, east	Romania	Middle Neolithic in South-East Romania	MN_ROM	38	0.18994	0.05606	0.08752	0.17979	0.08322	0.10713	0.02152	0.03944	0.07529	0.06612	0.05224	0.06837	0.03143	0.04343	0.06908	*	0.00000±0.0000	0.02030±0.0015	0.00119±0.0004	0.00980±0.0009	0.00139±0.0003	0.14009±0.0032	0.02445±0.0013	0.02990±0.0017	0.00099±0.0003	0.02109±0.0014	0.00158±0.0004	0.00396±0.0006	0.00228±0.0005	0.00000±0.0000	
Europe, central	Germany, Austria, Czech Republic	Linear Pottery culture in Central Europe	LBK	116	0.23438	0.11683	0.13084	0.21108	0.01596	0.02431	0.00985	0.00811	0.01590	0.00121	-0.01094	-0.00361	-0.00546	0.00277	0.01315	0.06156	*	0.07207±0.0026	0.18107±0.0040	0.40451±0.0058	0.13048±0.0034	0.05772±0.0024	0.00198±0.0005	0.00000±0.0000	0.00000±0.0000	0.02287±0.0015	0.00010±0.0001	0.00030±0.0002	0.00020±0.0001	0.00010±0.0001	
Europe, central	Germany	Rössen culture	RSC	18	0.21885	0.05533	0.06093	0.19944	0.03397	0.07080	-0.01100	0.00964	0.05038	0.01496	0.01628	0.02251	-0.00307	0.01158	0.03507	0.02551	0.02759	*	0.09029±0.0028	0.35056±0.0047	0.19770±0.0045	0.51777±0.0054	0.15147±0.0039	0.12058±0.0032	0.14860±0.0036	0.43689±0.0045	0.15880±0.0031	0.04772±0.0022	0.00287±0.0005	0.04663±0.0019	
Europe, central	Germany	Schöninger group	SCG	33	0.23544	0.09092	0.10623	0.20847	0.00211	-0.00261	-0.01156	0.00288	0.01747	-0.00852	0.00937	0.00073	0.00328	-0.00104	0.01188	0.04970	0.00753	0.02467	*	0.85665±0.0034	0.16691±0.0039	0.28502±0.0041	0.10019±0.0027	0.00099±0.0003	0.00683±0.0007	0.38491±0.0044	0.01881±0.0013	0.00376±0.0006	0.00010±0.0001	0.00188±0.0004	
Europe, central	Germany	Baalberge culture	BAC	20	0.20980	0.05546	0.06197	0.19243	0.00087	0.00906	-0.01412	-0.00334	0.01128	-0.01145	-0.00146	-0.00344	-0.00580	-0.00961	-0.02002	0.03343	-0.00003	0.00500	-0.01584	*	0.18820±0.0035	0.53708±0.0054	0.66350±0.0042	0.03673±0.0020	0.22899±0.0038	0.45283±0.0049	0.04970±0.0022	0.21572±0.0039	0.00059±0.0003	0.05792±0.0025	
Europe, central	Germany	Salzmünde culture	SMC	29	0.24738	0.09747	0.11532	0.22508	0.01372	0.06419	0.00503	0.00440	0.02059	0.01646	0.00769	0.01012	-0.01238	0.01297	0.03510	0.03766	0.01221	0.01392	0.01284	0.01334	*	0.09831±0.0029	0.02376±0.0013	0.00119±0.0004	0.00218±0.0004	0.24107±0.0040	0.02812±0.0018	0.00248±0.0006	0.00079±0.0003	0.00050±0.0002	
Europe, central	Germany	Bernburg culture	BEC	17	0.12167	0.01707																													

The best five arrangements are listed. Fct and Fsc are test statistics according to the Arlequin software.	among groups				within groups, among populations					
	sum of squares	Variance	% of variation	Fct	p	sum of squares	Variance	% of variation	Fsc	p
(STA_VIN_LBKTSou_KÖR_LGYsou_ALBKszatm_ALBKesz) + (SOP_LGYno_LBKTSou_ALBKszak_ALBKtribu_TIS_BL)	16.368	0.05542	1.92	0.01918	0.0050± 0.00022	45.24	0.03048	1.05	0.01075	0.02099± 0.00129
(STA_VIN_LBKTSou_KÖR_LGYsou_ALBKszatm_ALBKesz) + (LGYno_LBKTSou_ALBKszak_ALBKtribu_TIS_BL)	15.804	0.05251	1.82	0.01818	0.00119± 0.0038	45.804	0.03205	1.11	0.0113	0.01554± 0.00113
(STA_VIN_KÖR_LGYsou_ALBKszatm_ALBKesz_LBKTSou) + (SOP_LGYno_LBKTSou_ALBKszak_ALBKtribu_TIS_BL)	15.539	0.05152	1.78	0.011784	0.00139± 0.00035	46.07	0.03265	1.13	0.01151	0.01267± 0.00099
(STA_SOP_VIN_LBKTSou_KÖR_LGYsou_ALBKszatm_ALBKesz_LBKTSou) + (LGYno_ALBKszak_ALBKtribu_TIS_BL)	15.253	0.050777	1.76	0.01758	0.00089± 0.00028	46.356	0.0336	1.16	0.01184	0.01297± 0.00117
(VIN_LBKTSou_KÖR_ALBKszatm_ALBKesz_LBKTSou) + (SOP_STA_LGYno_ALBKszak_ALBKtribu_TIS_BL)	14.206	0.04656	1.61	0.01613	0.00327± 0.00055	47.403	0.03598	1.25	0.01267	0.00812± 0.00088
(SOP_VIN_LBKTSou_KÖR_LGYsou_ALBKszatm_ALBKesz_LBKTSou) + (STA_LGYno_ALBKszak_ALBKtribu_TIS_BL)	13.723	0.04224	1.47	0.01465	0.00495± 0.00074	47.886	0.03745	1.3	0.01318	0.00604± 0.00077
(KÖR_LBKTSou_ALBKszak) + (SOP_LGYno_LBKTSou_ALBKtribu_TIS_BL_LGYsou_ALBKszatm_ALBKesz_STA_VIN)	10.201	0.04022	1.39	0.01391	0.03129± 0.00172	51.407	0.04684	1.62	0.01643	0.00079± 0.00027

Suppl. Tab. 12. AMOVA analysis with the Transdanubian regional groups and the Alföld datasets.

Summary of shared haplotypes (%)

	n	HGCN	HG_IG	KOR	STA	ALBK-1	ALBK-2-3	VIN	LBKT	SOP	TIS	LGY	BL	TISP
n		35,00	40,00	15,00	44,00	28,00	152,00	30,00	42,00	36,00	45,00	82,00	12,00	8,00
HGCN	35,00	100,00	35,00	0,00	2,27	10,71	5,92	6,67	0,00	0,00	0,00	2,44	0,00	0,00
HG_IG	40,00	51,43	100,00	0,00	6,82	10,71	7,89	13,33	4,76	5,56	2,22	6,10	0,00	0,00
KOR	15,00	0,00	0,00	100,00	22,73	21,43	29,61	23,33	38,10	25,00	46,67	30,49	8,33	0,00
STA	44,00	5,71	17,50	60,00	100,00	46,43	55,92	50,00	61,90	55,56	60,00	51,22	41,67	0,00
ALBK-1	28,00	28,57	25,00	46,67	29,55	100,00	48,03	46,67	45,24	52,78	48,89	46,34	16,67	75,00
ALBK-2-3	152,00	54,29	20,00	80,00	63,64	82,14	100,00	73,33	76,19	72,22	80,00	73,17	50,00	0,00
VIN	30,00	20,00	12,50	46,67	43,18	35,71	45,39	100,00	59,52	41,67	55,56	42,68	8,33	0,00
LBKT	42,00	0,00	5,00	60,00	43,18	50,00	51,32	53,33	100,00	61,11	57,78	51,22	25,00	75,00
SOP	36,00	0,00	5,00	53,33	38,64	53,57	47,37	53,33	66,67	100,00	53,33	58,54	8,33	75,00
TIS	45,00	0,00	5,00	53,33	40,91	39,29	47,37	46,67	64,29	41,67	100,00	47,56	25,00	12,50
LGY	82,00	37,14	22,50	60,00	47,73	71,43	56,58	63,33	64,29	69,44	64,44	100,00	41,67	0,00
BL	12,00	0,00	0,00	13,33	11,36	14,29	17,11	3,33	21,43	8,33	13,33	13,41	100,00	0,00
TISP	8,00	0,00	0,00	0,00	0,00	3,57	0,00	0,00	2,38	2,78	2,22	0,00	0,00	100,00

Suppl. Tab. 13. Shared haplotype analyses. S13A: Summary of shared haplotypes (%).

Summary of ancestral shared haplotypes (%)

	HG Central and North Europe	HG Iron Gates	Early Neo- lithic (KOR + STA)	Middle Neo- lithic (ALBK, VIN, LBKT)	Late Neo- lithic (SOP, LGY, TIS)	Copper Age (BL + TISP)
HGCN (35)	100,00					
HG_IG (40)	37,50	62,50				
KOR (15)	0,00	0,00	100,00			
STA (41)	2,27	4,55	93,18			
ALBK-1 (28)	10,71	3,57	35,71	50,00		
ALBK-2-3 (152)	5,92	5,26	53,29	35,53		
VIN (30)	6,67	10,00	40,00	43,33		
LBKT (42)	0,00	4,76	59,52	35,71		
SOP (36)	0,00	5,56	52,78	22,22	19,44	
TIS (45)	0,00	2,22	64,44	15,56	17,78	
LGY (82)	2,44	4,88	54,88	19,51	18,29	
BL + TISP (20)	0,00	0,00	25,00	40,00	5,00	30,00

Suppl. Tab. 13. (continued).

Region	Country	Culture / group	n Samples	Abbr.	H	H5	HV	HV0	V	J	K	N1b	N1a	R	T1	T2	U	U2	U3	U4	U5	U5a	U5b	U8	W	X	
Europe, central, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherer Central and North	29	HGCN	0	0	0	0	0	0	0	0	0	0.034482759	0	0	0.068965517	0.103448276	0	0.068965517	0	0.275862069	0.413793103	0.034482759	0	0	
Europe, central, north	Germany, Lithuania, Poland, Croatia	Hunter-Gatherer Central and North*	27	HGCN*	0	0	0	0	0	0	0	0	0	0.038461538	0	0	0.076923077	0.076923077	0	0.076923077	0	0.307692308	0.384615385	0.038461538	0	0	
Europe, south-east	Serbia, Romania	Hunter-Gatherer Iron Gates	41	HG_IG	0	0	0	0	0	0	0.170732	0	0	0	0	0	0	0	0	0	0	0.463415	0.195122	0.0243902	0	0	
Asia, south-west	Turkey	Early Neolithic in Anatolia	18	ANAT	0.038461538	0.038461538	0	0	0	0.076923077	0.346153846	0.038461538	0.153846154	0	0	0	0.076923077	0	0	0.076923077	0	0	0.038461538	0.038461538	0.076923077	0.076923077	
Europe, central, south-east	Hungary, Croatia	Starčevo culture	44	STA	0.045454545	0.022727273	0	0.022727273	0.068181818	0.113636364	0.272727273	0	0.068181818	0	0.022727273	0.204545455	0	0	0.022727273	0.022727273	0	0	0	0.045454545	0.068181818		
Europe, central, south-east	Hungary, Croatia	Starčevo culture*	40	STA*	0.025	0.025	0	0.025	0.075	0.1	0.275	0	0.075	0	0.025	0.2	0	0	0.025	0.025	0	0	0	0	0.05	0.075	
Europe, central	Hungary	Vinča culture	31	VIN	0.032258065	0	0	0.032258065	0	0.096774194	0.290322581	0	0.129032258	0	0	0.193548387	0	0.032258065	0.096774194	0	0	0.064516129	0.032258065	0	0	0	
Europe, central	Hungary	Vinča culture*	28	VIN*	0.035714286	0	0	0.035714286	0	0.107142857	0.285714286	0	0.142857143	0	0	0.142857143	0	0.035714286	0.107142857	0	0	0.071428571	0.035714286	0	0	0	
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia, southern group	23	LBKT_sou	0.304347826	0	0.043478261	0	0	0.130434783	0.173913043	0	0.173913043	0	0	0.173913043	0	0	0	0	0	0	0	0	0	0	0
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia, southern group*	21	LBKT_sou*	0.333333333	0	0.047619048	0	0	0.095238095	0.19047619	0	0.19047619	0	0	0.142857143	0	0	0	0	0	0	0	0	0	0	0
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia, northern group	20	LBKT_no	0.157894737	0.105263158	0	0	0.052631579	0	0.157894737	0	0	0	0.052631579	0.315789474	0	0.105263158	0	0	0	0.052631579	0	0	0	0	0
Europe, central	Hungary	Linearbandkeramik culture in Transdanubia, northern group*	16	LBKT_no*	0.125	0.125	0	0	0.0625	0	0.125	0	0	0	0.0625	0.3125	0	0.125	0	0	0	0.0625	0	0	0	0	0
Europe, central	Hungary	Sopot culture	37	SOP	0.135135135	0.135135135	0.027027027	0.081081081	0	0.135135135	0.135135135	0	0.108108108	0	0	0.135135135	0	0	0.027027027	0	0	0.027027027	0	0.027027027	0	0.027027027	
Europe, central	Hungary	Sopot culture*	32	SOP*	0.125	0.09375	0.03125	0.09375	0	0.125	0.15625	0	0.09375	0	0	0.15625	0	0	0.03125	0	0	0.03125	0	0.03125	0	0.03125	
Europe, central	Hungary	Lengyel culture, southern group	41	LGYou	0.12195122	0.073170732	0.048780488	0.024390244	0	0.12195122	0.317073171	0	0.146341463	0	0	0.097560976	0	0	0	0	0.024390244	0	0	0.024390244	0	0	0
Europe, central	Hungary	Lengyel culture, southern group*	31	LGYou*	0.096774194	0.064516129	0.064516129	0.032258065	0	0.096774194	0.290322581	0	0.193548387	0	0	0.096774194	0	0	0	0	0.032258065	0	0	0.032258065	0	0	0
Europe, central	Hungary	Lengyel culture, north-west group	24	LGYouw	0.208333333	0.041666667	0	0.083333333	0	0	0.083333333	0	0.166666667	0	0	0.25	0	0	0	0	0	0.041666667	0.083333333	0	0	0.041666667	
Europe, central	Hungary	Lengyel culture, north-west group*	18	LGYouw*	0.263157895	0.052631579	0	0.052631579	0	0	0.052631579	0	0.210526316	0	0	0.210526316	0	0	0	0	0	0.052631579	0.052631579	0	0	0.052631579	
Europe, central	Hungary	Lengyel culture, north-east group	17	LGYoue	0.266666667	0	0.066666667	0	0	0.066666667	0	0	0	0	0	0.266666667	0	0	0	0	0	0	0.066666667	0.2	0.066666667	0	
Europe, central	Hungary	Lengyel culture, north-east group*	15	LGYoue*	0.235294118	0	0.058823529	0	0	0.058823529	0	0	0	0	0	0.294117647	0	0	0	0	0	0	0.058823529	0.235294118	0.058823529	0	
Europe, central	Hungary	Balaton-Lasinja culture	12	BL	0.25	0	0.083333333	0	0	0.083333333	0.083333333	0	0	0	0.083333333	0.25	0	0	0	0	0	0	0	0	0	0.166666667	
Europe, central	Hungary	Balaton-Lasinja culture*	10	BL*	0.181818182	0	0.090909091	0	0	0.090909091	0.090909091	0	0	0	0.090909091	0.272727273	0	0	0	0	0	0	0	0	0.090909091	0	
Europe, central	Hungary	Körös	16	KOR	0.1875	0	0	0	0.0625	0.0625	0.375	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.0625	
Europe, central	Hungary	Körös*	13	KOR*	0.230769231	0	0	0	0.076923077	0.076923077	0.307692308	0	0	0	0	0.230769231	0	0	0	0	0	0	0	0	0	0.076923077	
Europe, central	Hungary	ALBK-Szatmar	28	ALBK-1	0.142857143	0.107142857	0.071428571	0	0.035714286	0.035714286	0.178571429	0	0.071428571	0.035714286	0	0.107142857	0	0	0	0	0.071428571	0	0.035714286	0.035714286	0.035714286	0	0.035714286
Europe, central	Hungary	ALBK-Szatmar*	24	ALBK-1*	0.125	0.083333333	0.041666667	0	0.041666667	0.041666667	0.166666667	0	0.083333333	0.041666667	0	0.125	0	0	0	0	0.083333333	0	0.041666667	0.041666667	0.041666667	0	0.041666667
Europe, central	Hungary	ALBK-Tiszadob-Bükk	46	ALBK-TB	0.108695652	0	0	0.02173913	0.02173913	0.152173913	0.086956522	0	0.086956522	0	0.043478261	0.152173913	0	0	0.02173913	0.02173913	0	0.065217391	0.043478261	0.02173913	0	0.152173913	
Europe, central	Hungary	ALBK-Tiszadob-Bükk*	40	ALBK-TB*	0.1	0	0	0.025	0.025	0.15	0.1	0	0.075	0	0.05	0.125	0	0	0.025	0.025	0	0.075	0.05	0.025	0	0.15	
Europe, central	Hungary	ALBK-Eszár	26	ALBK-Esz	0.115384615	0.038461538	0.038461538	0.038461538	0.076923077	0.076923077	0.384615385	0	0.038461538	0.038461538	0	0.076923077	0	0	0	0	0	0.038461538	0	0.038461538	0	0	
Europe, central	Hungary	ALBK-Eszár*	25	ALBK-Esz*	0.12	0.04	0.04	0.04	0.08	0.08	0.36	0	0.04	0.04	0	0.08	0	0	0	0	0	0.04	0	0.04	0	0	
Europe, central	Hungary	ALBK-2-3	29	ALBK_2-3	0.137931034	0.068965517	0.034482759	0	0	0.137931034	0.206896552	0	0.137931034	0	0.034482759	0.103448276	0	0	0	0.034482759	0	0.034482759	0.068965517	0	0	0	
Europe, central	Hungary	ALBK-2-3*	26	ALBK_2-3*	0.115384615	0.038461538	0.038461538	0	0	0.153846154	0.192307692	0	0.153846154	0	0.038461538	0.115384615	0	0	0	0.038461538	0	0.038461538	0.076923077	0	0	0	
Europe, central	Hungary	ALBK-Szakállhát_north	14	ALBK-Sz_North	0.2857	0	0	0.0714	0.1429	0.0714	0.0714	0	0	0	0.0714	0.2857	0	0	0	0	0	0	0	0	0	0	
Europe, central	Hungary	ALBK-Szakállhát_north*	14	ALBK-Sz_North*	0.2857	0	0	0.0714	0.1429	0.0714	0.0714	0	0	0	0.0714	0.2857	0	0	0	0	0	0	0	0	0	0	
Europe, central	Hungary	ALBK-Szakállhát_south	37	ALBK-Sz_South	0.081	0.0541	0	0	0	0.3514	0.1351	0.0541	0	0	0.027	0.1892	0	0	0	0.027	0	0	0.0541	0	0.027	0	
Europe, central	Hungary	ALBK-Szakállhát_south*	28	ALBK-Sz_South*	0.111	0.0741	0	0	0	0.2593	0.1111	0.0741	0	0	0.037	0.1852	0	0	0	0.037	0	0	0.0741	0	0.037	0	
Europe, central	Hungary	Tisza_eastern group	25	Tisza_East	0.2	0	0.08	0	0	0.24	0.08	0.08	0.04	0	0.04	0.12	0	0	0	0	0	0	0	0	0.08	0.04	
Europe, central	Hungary	Tisza_eastern group*	20	Tisza_East*	0.1904	0	0.0952	0	0	0.1905	0.0952	0.0476	0.0476	0	0.0476	0.1429	0	0	0	0	0	0	0	0.0952	0	0.0476	
Europe, central	Hungary	Tisza_River group	20	TIS_River	0	0	0	0.1	0	0.35	0.2	0	0	0	0	0.3	0	0	0	0	0	0	0	0.05	0		
Europe, central	Hungary	Tisza_River group*	14	TIS_River*	0	0	0	0.142857143	0	0.214285714	0.214285714	0	0	0	0	0.357142857	0	0	0	0	0	0	0	0.071428571	0	0	

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

Location	Latitude	Longitude	Average Date BC	Date BC	Culture	Sample Number on size	the map
Keszthely-Fenekpuszta, Pusztaszentegyházi-dűlő	46.70991	17.23935	4100	4300–3900 BCE	Balaton_Lasinja_MCA	1	1
Vörs	46.665765	17.270774	3075	3300–2850 BCE	Baden_LCA	1	2
Enese elkerülő, Kóny, Proletár-dűlő, M85, Site 2	47.63868	17.36453	5100	5300–4900 BCE	LBKT_MN	1	3
Enese elkerülő, Kóny, Proletár-dűlő, M85, Site 2	47.63868	17.36453	4202	4333–4072 cal BCE (5380±30 BP, Beta-310033)	Balaton_Lasinja_MCA	1	4
Balatonlelle-Felső-Gamász	46.78469	17.731714	3180	3337–3024 cal BCE (4465±30 BP, Poz-83637)	Baden_LCA	1	5
Veszprém Jutasi út	47.102645	17.912987	4650	4800–4500 BCE	Lengyel_LN	4	6
Veszprém Jutasi út	47.102645	17.912987	4288	4339–4237 cal BCE (5418±29 BP, MAMS-14828)	Balaton_Lasinja_MCA	1	7
Felsőörs-Bárókert	47.01938	17.96243	4650	4800–4500 BCE	Lengyel_LN	1	8
Szederkény-Kukorica-dűlő	45.5969	18.28247	5200	5320–5080 cal BCE (6264±34 BP)	Vinca_MN	1	9
Versend-Gilencsa	45.5853	18.30771	5200	5400–5000 BCE	Vinca_MN	3	10
Szemely-Hegyes	46.025398	18.325056	4806	4904–4709 cal BCE (5920±40 BP, Beta-310039)	Sopot_LN	2	11
Lánycsók, Csata-alja	45.99604	18.58101	4139	4232–4046 cal BCE (5300±23 BP, MAMS-14132)	Balaton_Lasinja_MCA	1	12
Lánycsók, Gata-Csatola	45.993	18.58127	5650	5800–5500 BCE	Starcevo_EN	1	13
Csabdi-Télizöldes	47.51062	18.61693	4650	4800–4500 BCE	Lengyel_LN	1	14
Alsónyék-Bátaszék, site 11	46.208562	18.700047	5191	5309–5074 cal BCE (6244±34 BP, SUERC-51459)	LBKT_MN	1	15
Bátaszék-Lajvér	46.20487	18.7004	5078	5208–4948 cal BCE (6115±35 BP, Poz-82584)	LBKT_MN	1	16
Bátaszék-Lajvér	46.20487	18.7004	4650	4800–4500 BCE	Lengyel_LN	3	17
Alsónyék-Bátaszék, Mernői Telep	46.2055	18.70503	5630	5704–5556 cal BCE (6704±34 BP, MAMS-11933)	Starcevo_EN	3	18
Alsónyék-elkerülő, site 2	46.2041	18.7225	4939	5030–4848 cal BCE (6049±29 BP, MAMS-14817)	Sopot_LN	3	19
Alsónyék, site 11	46.204523	18.729916	4100	4300–3900 BCE	Balaton_Lasinja_MCA	1	20
Szemely-Hegyes = Szemely-Irtás	46.025398	18.74	5075	5207–4944 cal BCE (6110±30 BP, Beta-310038)	LBKT_MN	1	21
Tolna-Mözs TO26	46.407091	18.742154	5188	5301–5076 cal BCE (6233±23 BP, MAMS-14145)	LBKT_MN	1	22
Tolna-Mözs TO3	46.407091	18.742154	4100	4300–3900 BCE	Balaton_Lasinja_CA	1	23
Budakeszi, Szőlőskert-Tangazdaság	47.50163	18.910468	5100	5300–4900 BCE	LBKT_MN	1	24
Fajsz-Garadomb	46.41594	18.91974	4925	5100–4750 BCE	Sopot_LN	1	25
Bölcske-Gyűrűsvölgy	46.736119	18.958091	5100	5300–4900 BCE	LBKT_MN	1	26
Budakalász-Luppa csárda	47.62094	19.04494	3142	3340–2945 cal BCE (4455±35 BP, Poz-88227)	Baden_LCA	1	27
Nemesnádudvar-Papföld, M9/7 site	46.334774	19.053945	4095	4228–3963 cal BCE (5230±40 BP, Poz-83638)	Hunyadihalom_MCA	1	28

Suppl. Tab. 16. Location and chronological information to the samples presented in the LIPSON et al. 2017 study.

Location	Latitude	Longitude	Average Date BC	Date BC	Culture	Sample Number on size	the map
Alsónémedi	47.31875	19.16692	3145	3346–2945 cal BCE (4460±40 BP, Poz-88230)	Baden_LCA	1	29
Apc-Berekalja	47.167	19.833	4424	4491–4357 cal BCE (5598±32 BP, MAMS-14819)	Lengyel_LN	1	30
Apc-Berekalja	47.167	19.833	3119	3315–2923 cal BCE (4421±27 BP, MAMS-14825)	Baden_LCA	1	31
Cegléd, site 4/1	47.178841	19.860515	5100	5300–4900 BCE	ALBK_Szakalhat_MN	2	32
Vámosgyörk MHAT Telep	47.684976	19.918434	3225	3600–2850 BCE	Baden_LCA	1	33
Abony, Turjános-dűlő	47.189141	20.004795	3780	3909–3651 cal BCE (4960±40 BP, VERA-5402)	Protoboleraz_LCA	3	34
Hódmezővásárhely- Kökénydomb Vörös tanya	46.394	20.24495	4750	5000–4500 BCE	Tisza_LN	1	35
Törökszentmiklós Tiszapüspöki Karancs háromág 3. lh.	47.18283	20.3509	5750	6000–5500 BCE	Koros_EN	2	36
Törökszentmiklós, road 4, site 3	47.191612	20.402331	5623	5706–5541 cal BCE (6700±40 BP, Poz-83628)	Koros_EN	1	37
Törökszentmiklós, road 4, site 3	47.191612	20.402331	4350	4444–4257 cal BCE (5480±35 BP, Poz-83629)	Tiszapolgar_ Bodrogkeresztur_ECA	1	38
Hódmezővásárhely- Gorzsá grave 18	46.36	20.43	4750	5000–4500 BCE	Tisza_LN	1	39
Pusztataskony-Ledence I.	47.45925	20.51282	5100	5300–4900 BCE	ALBK_Szakalhat_MN	1	40
Pusztataskony-Ledence I.	47.45925	20.51282	4750	5000–4500 BCE	Tisza_LN	4	41
Pusztataskony-Ledence I.	47.45925	20.51282	4250	4500–4000 BCE	Tiszapolgar_ECA	2	42
Mezőkövesd-Mocsolyás	47.78134	20.58258	5400	5500–5300 BCE	ALBK_Szatmar_MN	1	43
Tiszaszőlős-Domaháza	47.559165	20.721246	5641	5736–5547 cal BCE (6740±60 BP, deb-11804)	Koros_EN	2	44
Kompolt-Kigyosér	47.167	20.833	5122	5295–4950 cal BCE (6164±64 BP, OxA-23763)	ALBK_MN	1	45
Hejőkürt-Lidl logisztikai központ	47.86071	21.00058	5060	5209–4912 cal BCE (6100 ± 40 BP, Poz-88115)	ALBK_Tiszadob_MN	1	46
Polgár-Piocás	47.865071	21.125287	5100	5300–4900 BCE	ALBK_I_MN	1	47
Garadna-elkerülő út, site 2	48.52	21.168	5153	5281–5026 cal BCE (6185±34 BP, OxA-27732)	Bükk_MN	1	48
Tiszadob-Ókenéz	48.00363	21.17651	5250	5500–5000 BCE	ALBK_Tiszadob_ Bükk_MN	4	49
Polgár-Ferenci-hát	47.88	21.192	5188	5306–5071 cal BCE (6237±32 BP, OxA-27861)	ALBK_MN	1	50
Vésztő-Mágor	46.939581	21.20907	4750	5000–4500 BCE	Tisza_LN	1	51
Hajdunánás-Eszlári út	47.85755	21.43239	5110	5221–5000 cal BCE (6170±40 BP, Poz-83632)	ALBK_III_MN	2	52
Ebes-Zsongvölgy	47.480426	21.501858	5100	5300–4900 BCE	ALBK_Esztar_MN	1	53
Ebes-Sajtgvár	47.477645	21.503001	5100	5300–4900 BCE	ALBK_Esztar_MN	1	54
Berettyóújfalú-Morotva- liget	47.318741	21.527443	5639	5713–5566 cal BCE (6726±35 BP, OxA-28101)	Koros_EN	1	55
Debrecen Tocópart, Erdőalja	47.52	21.589	5173	5291–5056 cal BCE (6207±30 BP, OxA-27858)	ALBK_MN	1	56

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ID1	ID2	Site	Culture	Tail	Anatolia _N	Iron_Gates _HG	Anatolia_Iron_Gates_ N sd	Average HG sd	Average date BC	Publication
I1878	BAM17b	Alsónyék-Bátaszék, Mémőki Telep	Hungary_EN_Starcevo _o_published	0,040766054	0,9	0,1	0,024	0,024	5750	LIPSON et al. 2017
I1880	LGCS1a	Lánycsók, Gata-Csátola	Hungary_EN_Starcevo	0,52038097	1,002	-0,002	0,022	0,022	5650	LIPSON et al. 2017
I1508	HUNG276, KO2	Berettyóújfalú-Morova-Liget	Hungary_EN_Koros	0,682128789	1,033	-0,033	0,025	0,025	5640	MATHIESON et al. 2015
I2794	GEN68	Törökszentmiklos, Road 4, site 3	Hungary_EN_Koros	0,116660718	1,029	-0,029	0,023	0,023	5624	LIPSON et al. 2017
I0174	BAM25	Alsónyék-Bátaszék, Mémőki Telep	Hungary_EN_Starcevo	0,0762973	1	0	0,036	0,036	5619	MATHIESON et al. 2015
KO1_ published.SG	HUNG345a, KO1	Tiszaszolos-Domaháza	Hungary_EN_HG_Koros	0,391569728	0,008	0,992	0,027	0,027	5600	MATHIESON et al. 2015
I1876	BAM4a	Alsónyék-Bátaszék, Mémőki Telep	Hungary_EN_Starcevo	0,766491661	0,976	0,024	0,033	0,033	5594	LIPSON et al. 2017
I3537	KON3	Enese elkerülő, Kőny, Proletár-dűlő, M85 2	Hungary_MN_ALBK_Szatmar	0,096497689	0,975	0,025	0,032	0,032	5421	LIPSON et al. 2017
I2380	MEMO2b	Mezkövesd-Mocsolyás	Hungary_MN_ALBK_Szatmar	0,205508876	0,893	0,107	0,025	0,025	5400	LIPSON et al. 2017
I2382	MEMO24b	Mezkövesd-Mocsolyás	Hungary_MN_ALBK_Szatmar	0,87755554	0,842	0,158	0,058	0,058	5400	LIPSON et al. 2017
I1895	SEKU6a	Szederkény Kukorica-dűlő	Hungary_MN_Vinca_published	0,905626054	0,9	0,1	0,023	0,023	5201	LIPSON et al. 2017
I1887	VEG13a	Versend-Gilencsa	Hungary_MN_Vinca	0,620776582	0,959	0,041	0,029	0,029	5200	LIPSON et al. 2017
I1896	SEKU10a	Szederkény Kukorica-dűlő	Hungary_MN_Vinca	0,0502989	1	0	0,033	0,033	5200	LIPSON et al. 2017
I2739	GEN18	Alsónyék-Bátaszék, Mémőki Telep	Hungary_MN_LBKT	0,228890081	0,949	0,051	0,023	0,023	5192	LIPSON et al. 2017
I1506	PF325, NE1	Polgár Ferenci hát	Hungary_MN_ALBK	0,158615638	0,901	0,099	0,026	0,026	5189	MATHIESON et al. 2015
I2384	HAJE7a	Hajdunánás, Eszlári út	Hungary_MN_ALBK_III_published	0,192209687	0,898	0,102	0,025	0,025	5180	LIPSON et al. 2017
I1498	HUNG302, NE2	Debrecen Tócopart Erdoalja	Hungary_MN_ALBK	0,867286024	0,859	0,141	0,025	0,025	5174	MATHIESON et al. 2015
I1505	PF839/1198, NE4	Polgár Ferenci hát	Hungary_MN_ALBK	0,03965498	0,884	0,116	0,025	0,025	5111	MATHIESON et al. 2015
I3535	HAJE10a	Hajdunánás, Eszlári út	Hungary_MN_ALBK_III	0,889044863	0,855	0,145	0,03	0,03	5111	LIPSON et al. 2017
I1499	HUNG86, NE3	Garadna	Hungary_MN_ALBK_Bukk	0,668695073	0,847	0,153	0,026	0,026	5110	MATHIESON et al. 2015
I1500	HUNG372, NE5	Kompolt-Kigyóser	Hungary_MN_ALBK	0,90518367	0,866	0,134	0,025	0,025	5100	MATHIESON et al. 2015
I1882	BUD4a	Budakeszi, Sziliskert-Tangazdaság	Hungary_MN_LBKT	0,874687117	0,934	0,066	0,036	0,036	5100	LIPSON et al. 2017
I2355	PULE1.18a	Pusztataskony Ledence 1	Hungary_MN_ALBK_Szakalhat	0,977076516	0,834	0,166	0,029	0,029	5100	LIPSON et al. 2017
I2357	PULE1.23a	Pusztataskony Ledence 1	Hungary_MN_ALBK_Szakalhat	0,849548139	0,845	0,155	0,034	0,034	5100	LIPSON et al. 2017
I2375	TISO1b	Tiszadob Ókenéz	Hungary_MN_ALBK_Tiszadob	0,373133452	0,895	0,105	0,041	0,041	5100	LIPSON et al. 2017
I2378	HELL2a	Hejkiirt, Lidl logisztikai központ	Hungary_MN_ALBK_Tiszadob	0,745127563	0,928	0,072	0,045	0,045	5100	LIPSON et al. 2017
I2744	CEG07b	Cegléd 4/1	Hungary_MN_ALBK_Szakalhat	0,686682075	0,871	0,129	0,031	0,031	5100	LIPSON et al. 2017

Suppl. Tab. 17. qpADM analyses with the genome-wide SNP data of the LIPSON et al. 2017 and MATHIESON et al. 2015 papers. Outgroups were the following samples and groups: Serbia_Mesolithic_IronGates, Mbuti.DG, UstIshim_snpAD.DG, Kostenki14.SG, Villabruna, MA1.SG, mota.SG, Morocco_Iberomaurian, Papuan.DG, BR_Onge.DG, Han.DG, Karitiana.DG.

ID1	ID2	Site	Culture	Tail	Anatolia _N	Iron_Gates _HG	Anatolia_Iron_Gates_ N sd	Average HG sd	Publication
I2745	CEG08b	Cegléd 4/1	Hungary_MN_ALBK_Szalkhat	0,505425687	0,892	0,108	0,035	0,035	LIPSON et al. 2017
I4186	EBSA2a	Ebes, Sajtygár	Hungary_MN_ALBK_Esztar	0,217383509	0,883	0,117	0,054	0,054	LIPSON et al. 2017
I4188	POPI5a	Polgár, Píócás	Hungary_MN_ALBK_I	0,915310081	0,877	0,123	0,03	0,03	LIPSON et al. 2017
I4196	BUD9a	Budakeszi, Sziliskert-Tangazdaság	Hungary_MN_LBK_T	0,421745896	0,976	0,024	0,024	0,024	LIPSON et al. 2017
I4199	TISO3a	Tiszadob Ókenéz	Hungary_MN_ALBK_Tiszadob	0,402034111	0,881	0,119	0,031	0,031	LIPSON et al. 2017
I1904	BAL25b	Bátaszék, Lajvér	Hungary_MN_LBKT	0,717313807	0,981	0,019	0,023	0,023	LIPSON et al. 2017
I0176	SZEH4	Szemely-Hegyes = Szemely-Irtás	Hungary_MN_LBKT	0,399238344	0,974	0,026	0,054	0,054	MATHIESON et al. 2015
I2377	TISO13a	Tiszadob Ókenéz	Hungary_MN_ALBK_Tiszadob	0,501983722	0,807	0,193	0,026	0,026	LIPSON et al. 2017
I2379	HELL1a	Hejkürt, Lidl logisztikai központ	Hungary_MN_ALBK_Tiszadob	0,234206661	0,916	0,084	0,026	0,026	LIPSON et al. 2017
I1891	FAGA2a	Fajsz Garadomb	Hungary_LN_Sopot	0,006884458	0,872	0,128	0,029	0,029	LIPSON et al. 2017
I1893	ALE14a	Alsónyék-elkerülő 2	Hungary_LN_Sopot	0,867711583	0,965	0,035	0,058	0,058	LIPSON et al. 2017
I4185	ALE4a	Alsónyék-elkerülő 2	Hungary_LN_Sopot	0,83508443	0,982	0,018	0,069	0,069	LIPSON et al. 2017
I1890	FAGA1a	Fajsz Garadomb	Hungary_LN_Sopot	0,599408305	0,95	0,05	0,044	0,044	LIPSON et al. 2017
I4184	SZEH7b	Szemely-Hegyes = Szemely-Irtás	Hungary_LN_Sopot	0,340177701	0,971	0,029	0,027	0,027	LIPSON et al. 2017
I0447_	Gorzs4	Hódmez Vásárhely, Gorzsa Homokbánya	Hungary_LN_Tisza_published	0,465945225	0,796	0,204	0,058	0,058	LIPSON et al. 2017
I0449	Gorzs18	Hódmez Vásárhely, Gorzsa Homokbánya	Hungary_LN_Tisza	0,54386183	0,907	0,093	0,023	0,023	LIPSON et al. 2017
I2358	PULE124	Pusztataskony Ledence 1	Hungary_LN_Tisza	0,661082704	0,841	0,159	0,028	0,028	LIPSON et al. 2017
I2387	KOKE3a	Hódmez Vásárhely, Kőkénydomb Vörös Tanya, Budapest	Hungary_LN_Tisza	0,085692979	0,806	0,194	0,054	0,054	LIPSON et al. 2017
I2746	VSM3a	Veszt-Mágor	Hungary_LN_Tisza	0,177994741	0,985	0,015	0,046	0,046	LIPSON et al. 2017
I1905	CSAT25a	Csabdi, Télizőldes	Hungary_LN_Lengyel_published	0,792947673	0,85	0,15	0,024	0,024	LIPSON et al. 2017
I1901	VEJ5a	Veszprém, Jutasi út	Hungary_LN_Lengyel	0,283999966	0,89	0,11	0,027	0,027	LIPSON et al. 2017
I1902	FEB3a	Felsőörs, Bárokkert	Hungary_LN_Lengyel_published	0,587517808	0,941	0,059	0,028	0,028	LIPSON et al. 2017
I1903	BAL3a	Bátaszék, Lajvér	Hungary_LN_Lengyel_son. I10619.son. I10624.halfbro.I10620.halfbro.I10621	0,40001965	0,946	0,054	0,026	0,026	LIPSON et al. 2017
I1906	CSAT19a	Csabdi, Télizőldes	Hungary_LN_Lengyel	0,579031127	0,905	0,095	0,027	0,027	LIPSON et al. 2017
I2352	VEJ12a	Veszprém, Jutasi út	Hungary_LN_Lengyel	0,409529321	0,889	0,111	0,042	0,042	LIPSON et al. 2017
I1899	VEJ2a	Veszprém, Jutasi út	Hungary_LN_Lengyel	0,655004722	0,924	0,076	0,029	0,029	LIPSON et al. 2017
I1495	HUNG347, NE7	Ape-Bereckalya I	Hungary_LN_Lengyel	0,553611796	0,884	0,116	0,025	0,025	MATHIESON et al. 2015
I2793	GEN67	Törökszentmiklos, Road 4, site 3 keresztur_published	Hungary_EarlyC_Tiszapolgar_Bodrog-keresztur_published	0,316272345	0,875	0,125	0,024	0,024	LIPSON et al. 2017
I2394	VEJ9a	Veszprém, Jutasi út	Hungary_C_Balaton_Lasinja	0,650264766	0,871	0,129	0,053	0,053	LIPSON et al. 2017

Suppl. Tab. 17. (continued).

Ancient population genetics of the 6000–4000 cal BC period of the Carpathian Basin

ID1	ID2	Site	Culture	Tail	Anatolia _N	Iron_Gates _HG	Anatolia_Iron_Gates N sd	Iron_Gates HG sd	Average date BC	Publication
I2745	CEG08b	Cegléd 4/1	Hungary_MN_ALBK_Szalkhat	0,505425687	0,892	0,108	0,035	0,035	5100	LIPSON et al. 2017
I2353	PUL1.10a	Pusztataaskony Ledence 1	Hungary_EarlyC_Tiszapolgar	0,506033169	0,932	0,068	0,033	0,033	4250	LIPSON et al. 2017
I2354	PUL1.13a	Pusztataaskony Ledence 1	Hungary_EarlyC_Tiszapolgar	0,479871822	0,905	0,095	0,031	0,031	4250	LIPSON et al. 2017
I2395	PUL1.9a	Pusztataaskony Ledence 1	Hungary_EarlyC_Tiszapolgar	0,83412583	0,871	0,129	0,04	0,04	4250	LIPSON et al. 2017
I1907	KON2a	Enese elkerülő, Köny, Proletár-dűlő, M85 2	Hungary_C_Balaton_Lasinja_published	0,367897606	0,882	0,118	0,025	0,025	4203	LIPSON et al. 2017
I1909	M6-116.12a	Lánycsók, Gara-Csarota	Hungary_C_Balaton_Lasinja	0,145599879	0,874	0,126	0,028	0,028	4139	LIPSON et al. 2017
I1908	KEFP2a	Keszthely-Fenekpuszta, Pusztaszentgyházi dűlő	Hungary_C_Balaton_Lasinja	0,014571726	0,922	0,078	0,026	0,026	4100	LIPSON et al. 2017
I4189	GEN100	Alsónyék-elkerülő 2	Hungary_C_Balaton_Lasinja	0,538168185	0,874	0,126	0,025	0,025	4100	LIPSON et al. 2017
I2783	GEN49	Nemesnáduvár, Papföld	Hungary_Hunyadhalom_MCHA	0,412309321	0,804	0,196	0,027	0,027	4096	LIPSON et al. 2017
I2788	GEN60	Abony, Turjános-dűlő	Hungary_LateC_Protoboleraz	0,401819394	0,805	0,195	0,025	0,025	3780	LIPSON et al. 2017
I2789	GEN61	Abony, Turjános-dűlő	Hungary_LateC_Protoboleraz	0,777976798	0,882	0,118	0,025	0,025	3700	LIPSON et al. 2017
I2790	GEN62	Abony, Turjános-dűlő	Hungary_LateC_Protoboleraz_published	0,17876331	0,902	0,098	0,023	0,023	3699	LIPSON et al. 2017
I2791	GEN63	Abony, Turjános-dűlő	Hungary_LateC_Protoboleraz_published	0,894411515	0,877	0,123	0,025	0,025	3521	LIPSON et al. 2017
I2369	GEN15a	Budakalász, Luppa csárda	Hungary_LateC_Baden	0,183451357	0,86	0,14	0,023	0,023	3235	LIPSON et al. 2017
I2763	Vors1	Vörs	Hungary_LateC_Baden	0,380935374	0,893	0,107	0,084	0,084	3232	LIPSON et al. 2017
I2371	GEN17a	Alsonemedi	Hungary_LateC_Baden	0,715322331	0,826	0,174	0,025	0,025	3229	LIPSON et al. 2017
I2752	GEN21	Balatonlelle, Fels-Gamász	Hungary_LateC_Baden	0,382673064	0,875	0,125	0,027	0,027	3225	LIPSON et al. 2017
I2785	GEN55	Vámosgyörk, MHAT Telep	Hungary_LateC_Baden	0,848487885	0,823	0,177	0,027	0,027	3225	LIPSON et al. 2017
I2370	GEN16a	Alsonemedi	Hungary_LateC_Baden	0,454508051	0,802	0,198	0,024	0,024	3146	LIPSON et al. 2017
I2366	GEN12a	Budakalász, Luppa csárda	Hungary_LateC_Baden_published	0,180184969	0,879	0,121	0,025	0,025	3143	LIPSON et al. 2017
I2367	GEN13a	Budakalász, Luppa csárda	Hungary_LateC_Baden_published	0,264484838	0,859	0,141	0,024	0,024	3131	LIPSON et al. 2017
I2753	GEN22	Balatonlelle, Fels-Gamász	Hungary_LateC_Baden	0,523463017	0,838	0,162	0,025	0,025	3131	LIPSON et al. 2017
I1497	HUNG353, CO1	Ape-Berekalya I	Hungary_LateC_Baden	0,077460727	0,818	0,182	0,023	0,023	2800	MATTHESON et al. 2015

Suppl. Tab. 17. (continued).