

**Table S2.** *De novo* and previously sequenced super-haplogroup U mitogenomes of our samples

	Population	Sample ID/Acc. No.	mtDNA haplogroup	Haplogroup assignment based on control region sequencing and coding region markers	Complete mitogenome sequencing
1	Serbian	4_Sb	K1a4l	Davidovic et al., 2015	this study
2	Serbian	5_Sb	K1b1c	Davidovic et al., 2015	this study
3	Serbian	7_Sb	U5b1e'h	Davidovic et al., 2015	this study
4	Serbian	10_Sb	K1a4d	Davidovic et al., 2015	this study
5	Serbian	11_Sb	U4b	Davidovic et al., 2015	this study
6	Serbian	21_Sb	U5b3j	Davidovic et al., 2015	this study
7	Serbian	22_Sb	U5a2b1e1	Davidovic et al., 2015	this study
8	Serbian	23_Sb	K1b2a2	Davidovic et al., 2015	this study
9	Serbian	39_Sb	K1a13a1	Davidovic et al., 2015	this study
10	Serbian	52_Sb	U2e2a1d	Davidovic et al., 2015	this study
11	Serbian	53_Sb	U4c1b1	Davidovic et al., 2015	this study
12	Serbian	57_Sb	K1a4a1	Davidovic et al., 2015	this study
13	Serbian	58_Sb	U4d2b	Davidovic et al., 2015	this study
14	Serbian	62_Sb	U5a1a2a	Davidovic et al., 2015	this study
15	Serbian	66_Sb	U4c1b1	Davidovic et al., 2015	this study
16	Serbian	68_Sb	U4b1a1a1	Davidovic et al., 2015	this study
17	Serbian	80_Sb	K1a2	Davidovic et al., 2015	this study
18	Serbian	84_Sb	U4b1a1a	Davidovic et al., 2015	this study
19	Serbian	89_Sb	K1a30b	Davidovic et al., 2015	this study
20	Serbian	93_Sb	U1a1c2	Davidovic et al., 2015	this study
21	Serbian	95_Sb	U3a3	Davidovic et al., 2015	this study
22	Serbian	96_Sb	U5b1a1	Davidovic et al., 2015	this study
23	Serbian	104_Sb	U4b1a1a1a	Davidovic et al., 2015	this study
24	Serbian	109_Sb	U7b	Davidovic et al., 2015	this study
25	Serbian	123_Sb	U5a2b6	Davidovic et al., 2015	this study
26	Serbian	127_Sb	U5a1a1j	Davidovic et al., 2015	this study
27	Serbian	134_Sb	U4c1	Davidovic et al., 2015	this study
28	Serbian	135_Sb	U5b1a1	Davidovic et al., 2015	this study
29	Serbian	138_Sb	K1a4k	Davidovic et al., 2015	this study
30	Serbian	144_Sb	U3a1d	Davidovic et al., 2015	this study
31	Serbian	145_Sb	K1b1c	Davidovic et al., 2015	this study
32	Serbian	146_Sb	U5a2b1e1	Davidovic et al., 2015	this study
33	Serbian	148_Sb	K1b1c	Davidovic et al., 2015	this study
34	Serbian	168_Sb	U1a1c2	this study	this study
35	Serbian	170_Sb	U2e1b1	this study	this study
36	Serbian	172_Sb	U8a1a1a2	this study	this study
37	Serbian	KM096779	U4a2a	Davidovic et al., 2015	Davidovic et al., 2015
38	Serbian	KM096774	U4a2a1	Davidovic et al., 2015	Davidovic et al., 2015
39	Serbian	KM096781	U4a2c2	Davidovic et al., 2015	Davidovic et al., 2015
40	Serbian	KM096773	U4a2g1	Davidovic et al., 2015	Davidovic et al., 2015
41	Czech	Cz_III10	K1a4	this study	this study
42	Czech	Cz_V471	K1a4d	this study	this study
43	Polish	K663	K1b1c1	this study	this study
44	Polish	P142	K1b1c1	this study	this study
45	Russian	NN_20	K1a2	this study	this study
46	Slovak	SI_218	K1b1c1	this study	this study