

Table S1. mtDNA super-haplogroup U frequencies of European populations

POPULATION	HAPLOGROUP										Number of samples
	U*	U1	U2	U3	U4	U5	U6	U7	U8	K	N
ALBANIAN ^{9, 48, 54}	0.00	0.96	0.00	0.96	4.81	5.77	0.00	0.00	0.00	4.33	208
AUSTRIAN ^{15, 83}	0.80	0.80	1.88	1.07	4.56	8.85	0.00	0.00	0.27	8.04	373
BASQUE ^{3, 8, 11, 19, 23, 35, 92, 97}	0.25	0.00	0.68	0.17	0.85	15.35	0.25	0.08	0.59	4.33	1179
BELARUSIAN ^{10, 55}	4.46	0.28	1.11	1.67	2.79	11.14	0.00	0.28	0.00	3.34	359
BOSNIAN & HERZEGOVINIAN ^{39, 54, 67, 102}	0.00	0.66	1.33	0.53	5.19	7.18	0.13	0.66	0.27	6.12	752
BULGARIAN ^{18, 49, 97}	0.20	1.31	1.20	2.11	3.82	7.03	0.00	0.70	0.40	5.92	996
CZECH ^{70, 75, 97, 110, 112}	4.46	0.00	0.68	1.08	1.49	9.05	0.00	0.27	0.41	4.05	740
DANISH ^{61, 76, 96, 97}	0.00	0.04	1.83	0.89	2.81	7.93	0.09	0.13	0.40	7.53	2244
ENGLISH ^{35, 41, 88, 96, 97}	0.00	0.00	0.58	0.88	2.05	7.02	0.00	0.00	0.29	6.14	342
ESTONIAN ^{57, 97, 99, 100}	1.13	0.00	1.13	0.75	5.26	13.53	0.00	0.00	0.00	1.88	266
FINNISH ^{40, 51, 56, 72, 96, 99}	1.40	0.13	0.51	0.00	1.14	21.57	0.00	0.38	0.38	4.06	788
FRENCH ^{8, 30, 35, 95, 97, 98}	0.29	0.07	1.51	1.00	2.44	9.39	0.22	0.07	0.72	8.96	1395
GREEK ^{13, 47, 53, 97}	0.38	1.72	0.76	2.87	3.44	4.97	0.38	0.38	0.00	4.97	523
CROATIAN ^{7, 39, 54, 102}	0.00	1.15	2.30	1.48	2.46	8.87	0.16	0.33	0.33	5.09	609
IRISH ^{71, 97}	0.33	0.00	1.33	1.00	1.33	8.33	0.00	0.00	0.00	12.00	301
ICELANDIC ^{42, 96, 99}	0.00	0.00	0.00	2.24	2.46	7.61	0.00	0.00	0.00	7.16	447
ITALIAN ^{2, 7, 12, 17, 21, 32, 33, 36, 74, 77, 81, 97, 104, 105, 109}	0.11	1.04	1.71	2.45	1.71	5.99	0.45	0.59	0.33	6.99	2690
CORSICAN ^{32, 97, 111}	0.00	0.00	0.82	0.00	0.82	5.74	0.00	0.00	1.64	8.20	122
LATVIAN ^{57, 90}	0.97	0.00	3.63	2.18	9.20	10.17	0.00	0.00	0.00	2.42	413
LITHUANIAN ^{50, 57}	1.17	0.00	0.00	1.17	3.79	10.79	0.00	0.00	0.58	1.75	343
HUNGARIAN ^{46, 108}	1.28	0.32	0.96	0.64	3.21	7.05	0.64	0.32	0.32	5.77	312

MACEDONIAN ^{13, 25, 54, 115}	1.23	1.23	1.98	1.23	3.21	7.65	0.00	0.00	0.00	4.69	405
GERMAN ^{6, 14, 31, 35, 45, 62, 87, 91, 96, 97, 106}	0.50	0.29	0.71	1.43	3.07	8.21	0.00	0.14	0.29	6.07	1401
NORWEGIAN ^{41, 79, 84, 97}	0.32	0.16	0.00	1.27	2.70	11.76	0.00	0.00	0.32	5.72	629
POLISH ^{38, 68, 75, 97}	0.08	0.47	1.09	0.93	4.81	11.09	0.00	0.16	0.78	3.95	1290
PORTUGUESE ^{16, 23, 37, 64, 85, 86, 92, 96}	0.68	0.00	1.37	0.93	1.55	6.96	1.99	0.06	0.00	5.53	1610
ROMANIAN ^{13, 44, 97}	0.92	0.00	0.92	0.92	3.69	8.00	0.00	0.00	0.31	5.54	325
RUSSIAN ^{10, 38, 52, 65, 66, 68, 78, 80, 97}	0.70	0.38	1.08	0.76	4.19	10.48	0.06	0.25	0.83	4.19	1575
SARDINIAN ^{28, 32, 34, 97}	0.00	2.79	0.00	1.40	0.47	8.60	1.40	0.00	0.00	5.81	430
SLOVAK ^{59, 69}	0.34	0.52	0.86	0.86	5.51	10.84	0.00	0.17	0.52	3.79	581
SLOVENIAN ^{67, 102, 116, 117}	0.00	1.10	2.61	1.92	2.88	10.16	0.14	0.00	0.27	5.91	728
SICILIAN ^{17, 81, 97, 113}	0.00	1.07	0.54	1.61	0.80	3.49	0.54	1.07	0.27	7.51	373
SERBIAN ^{1, 25, 26, 39, 54, 114}	0.45	0.45	1.58	0.90	6.11	6.79	0.00	0.68	0.45	5.43	442
SCOTISH ⁴¹	0.00	0.33	0.67	1.50	1.92	7.33	0.00	0.08	0.25	8.75	1200
SPANISH ^{4, 5, 8, 20, 23, 24, 32, 35, 37, 43, 58, 63, 82, 89, 92, 101}	0.58	0.10	0.97	1.10	1.79	8.64	1.62	0.06	0.29	5.91	3080
SWISS ^{29, 94}	0.00	0.00	0.88	0.88	3.07	7.02	0.00	0.00	0.00	5.26	228
SWEDISH ^{51, 57, 60, 100, 107}	0.94	0.42	0.83	0.62	3.22	11.75	0.00	0.21	0.42	7.59	962
TURKISH ^{18, 22, 27, 48, 73, 96, 97, 103}	0.72	2.71	1.26	3.43	2.89	4.87	0.00	0.36	0.54	5.23	554
UKRAINIAN ^{66, 75, 93}	0.00	0.00	1.53	1.02	5.61	10.46	0.00	0.00	0.26	4.97	784
WELSH ⁹⁶	0.00	0.00	0.00	0.00	0.00	4.35	0.00	0.00	0.00	7.61	92
VLACH ¹³	0.00	1.14	0.00	1.71	2.29	10.86	0.00	0.00	0.00	5.71	175
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