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D8S1179

	Europe				
Population	Basques (Spain)	Finland	France	Germany (South-West)	Hungary (Budapest area)
Ref.	(30)	(21)	(1, 6)	(5, 7)	(34)
n	50	180	209	500	446
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0200	0.0140	0.0230	0.0170	0.0110
9	0.0100	0.0080	0.0050	0.0110	0.0160
10	0.0500	0.0500	0.0910	0.0860	0.0760
11	0.1100	0.0780	0.0890	0.0780	0.0810
12	0.0700	0.1690	0.1400	0.1370	0.1820
13	0.2300	0.4330	0.3020	0.3210	0.2870
14	0.2900	0.1690	0.2130	0.2130	0.2400
15	0.2100	0.0560	0.1050	0.0950	0.0830
16	0.0100	0.0140	0.0280	0.0360	0.0200
17	0.0000	0.0080	0.0020	0.0050	0.0020
18	0.0000	0.0000	0.0020	0.0010	0.0020
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>0.9990</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Hungary (Baranya County, Romany population)	Italy (pooled)	Italy	Italy (North- East)	Italy (Agrigento)
Ref.	(34)		(24)	(10)	(22)
n	412	2290	223	67	100
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0150	0.0065	0.0269	0.0070	0.0000
9	0.0020	0.0030	0.0112	0.0070	0.0000
10	0.0240	0.0970	0.0852	0.0750	0.1850
11	0.1410	0.0915	0.0561	0.0750	0.0650
12	0.1530	0.1144	0.0830	0.1420	0.1000
13	0.2570	0.2629	0.3004	0.3130	0.2100
14	0.1630	0.2240	0.2444	0.1940	0.1950
15	0.1940	0.1380	0.1323	0.1490	0.1550
16	0.0490	0.0404	0.0516	0.0370	0.0550
17	0.0020	0.0177	0.0090	0.0000	0.0350
18	0.0000	0.0041	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>0.9995</i>	<i>1.0001</i>	<i>0.9990</i>	<i>1.0000</i>
	Europe				
Population	Italy (Bari)	Italy (Bologna)	Italy (Caltanis- setta)	Italy (Catania)	Italy (Catanzaro)
Ref.	(22)	(22)	(22)	(22)	(22)

n	100	100	100	100	100
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.0600	0.0800	0.2050	0.1100	0.1100
11	0.0650	0.0400	0.0450	0.1600	0.0600
12	0.3500	0.0800	0.1450	0.1300	0.0500
13	0.1150	0.3300	0.2350	0.1700	0.3450
14	0.1900	0.3250	0.1750	0.2200	0.2800
15	0.1350	0.1350	0.1350	0.1600	0.0650
16	0.0500	0.0000	0.0350	0.0200	0.0600
17	0.0000	0.0000	0.0250	0.0300	0.0300
18	0.0350	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>0.9900</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Italy (Cosenza)	Italy (Firenze)	Italy (Genova)	Italy (Messina)	Italy (Milano)
Ref.	(22)	(22)	(22)	(22)	(22)
n	100	100	100	100	100
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000	0.0150	0.0000
9	0.0000	0.0000	0.0000	0.0000	0.0000

10	0.0000	0.0200	0.0650	0.1200	0.0200
11	0.1550	0.0600	0.0950	0.1400	0.0400
12	0.0650	0.0850	0.0400	0.0900	0.2200
13	0.3250	0.4350	0.2550	0.2250	0.2300
14	0.3300	0.2800	0.2600	0.2600	0.1900
15	0.1100	0.0800	0.2550	0.1350	0.1850
16	0.0000	0.0300	0.0000	0.0000	0.1050
17	0.0150	0.0100	0.0000	0.0150	0.0100
18	0.0000	0.0000	0.0300	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Italy (Napoli)	Italy (Palermo)	Italy (Parma)	Italy (Ragusa)	Italy (Reggio Calabria)
Ref.	(22)	(22)	(22)	(22)	(22)
n	100	100	100	100	100
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0400	0.0000	0.0000	0.0000	0.0100
9	0.0400	0.0000	0.0000	0.0000	0.0000
10	0.0200	0.2800	0.1000	0.2600	0.0300
11	0.3200	0.0300	0.0650	0.0700	0.0300
12	0.1400	0.0250	0.1500	0.0550	0.2000
13	0.2400	0.1900	0.3100	0.1750	0.2600
14	0.1400	0.1550	0.1100	0.1450	0.2100

15	0.0600	0.1900	0.1300	0.1800	0.2000
16	0.0000	0.0700	0.1350	0.0650	0.0600
17	0.0000	0.0600	0.0000	0.0500	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Italy (Roma)	Italy (Siracusa)	Italy (Torino)	Italy (Venezia)	Poland (pooled)
Ref.	(22)	(22)	(22)	(22)	
n	100	100	100	100	971
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0200	0.0000	0.0000	0.0000	0.0126
9	0.0000	0.0000	0.0000	0.0000	0.0137
10	0.1000	0.1850	0.0300	0.0000	0.0665
11	0.0200	0.1150	0.3250	0.0200	0.0609
12	0.1850	0.0650	0.0300	0.1350	0.1669
13	0.3150	0.2050	0.2200	0.3500	0.3373
14	0.2050	0.1700	0.2150	0.4000	0.2224
15	0.0800	0.1750	0.1400	0.0600	0.0937
16	0.0300	0.0400	0.0300	0.0000	0.0045
17	0.0150	0.0450	0.0100	0.0350	0.0000
18	0.0300	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000

S	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0001</i>
	Europe				
Population	Poland (North)	Poland (Pomerania- Kujawy)	Portugal (pooled) (Azores not included)	Portugal	Portugal (Centre)
Ref.	(9)	(42)		(38)	(13)
n	202	789	1440	146	494
Alleles					
7	0.0000	0,0000	0.0000	0.0000	0.0000
8	0.0074	0.0140	0.0091	0.0100	0.0071
9	0.0124	0.0140	0.0087	0.0030	0.0061
10	0.0644	0.0670	0.0880	0.0790	0.0901
11	0.0718	0.0580	0.0881	0.0860	0.0860
12	0.1856	0.1620	0.1351	0.1340	0.1397
13	0.3193	0.3420	0.3028	0.3390	0.2905
14	0.2203	0.2230	0.2178	0.2190	0.2348
15	0.1040	0.0910	0.1223	0.1160	0.1164
16	0.0124	0.0240	0.0245	0.0100	0.0233
17	0.0025	0.0050	0.0031	0.0030	0.0040
18	0.0000	0.0000	0.0007	0.0000	0.0020
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0001</i>	<i>1.0000</i>	<i>1.0002</i>	<i>0.9990</i>	<i>1.0000</i>
	Europe				

Population	Portugal (North)	Portugal (North)	Portugal (North)	Portugal (North)	Portugal (Azores)
Ref.	(39)	(32)	(30)	(12)	(13)
n	100	375	39	286	96
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0100	0.0070	0.0000	0.0160	0.0052
9	0.0100	0.0110	0.0130	0.0120	0.0052
10	0.0650	0.1010	0.0640	0.0830	0.0990
11	0.0950	0.0910	0.1150	0.0830	0.0781
12	0.1300	0.1310	0.1280	0.1360	0.1146
13	0.3250	0.3010	0.2440	0.3080	0.3125
14	0.2000	0.2070	0.2560	0.2030	0.2031
15	0.1350	0.1230	0.1540	0.1260	0.1562
16	0.0250	0.0280	0.0260	0.0290	0.0260
17	0.0050	0.0010	0.0000	0.0040	0.0000
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0010</i>	<i>1.0000</i>	<i>1.0000</i>	<i>0.9999</i>

	Europe				
Population	Slovenia	Spain (pooled) (Canary Islands and Balearic Islands not included)	Spain	Spain (Andalucia)	Spain (Andalucia)
Ref.	(33)		(28)	(37)	(11)

n	321	1094	219	171	103
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0047	0.0117	0.0160	0.0017	0.0146
9	0.0047	0.0080	0.0068	0.0015	0.0097
10	0.0623	0.0933	0.1050	0.1111	0.0922
11	0.0592	0.0901	0.0822	0.0848	0.1359
12	0.1682	0.1208	0.1416	0.1199	0.1456
13	0.3115	0.2914	0.2717	0.2544	0.2961
14	0.2414	0.2182	0.2260	0.2281	0.2185
15	0.1231	0.1358	0.1164	0.1462	0.0777
16	0.0234	0.0201	0.0320	0.0205	0.0049
17	0.0016	0.0055	0.0023	0.0029	0.0000
18	0.0000	0.0005	0.0000	0.0000	0.0049
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0001</i>	<i>0.9954</i>	<i>1.0000</i>	<i>0.9711</i>	<i>1.0001</i>
	Europe				
Population	Spain (Andalucia)	Spain (Catalonia)	Spain (Catalonia)	Spain (Catalonia)	Spain (Galicia)
Ref.	(30)	(30)	(3)	(41)	(39)
n	34	50	198	204	115
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0152	0.0172	0.0087
9	0.0000	0.0000	0.0202	0.0099	0.0000

10	0.0880	0.0700	0.0657	0.1059	0.0826
11	0.0740	0.1100	0.0707	0.0862	0.1087
12	0.1470	0.1000	0.1187	0.1010	0.1000
13	0.2790	0.3700	0.2955	0.3177	0.2957
14	0.2790	0.2200	0.2146	0.1946	0.2174
15	0.0880	0.1000	0.1742	0.1502	0.1478
16	0.0290	0.0200	0.0202	0.0099	0.0261
17	0.0150	0.0100	0.0051	0.0074	0.0130
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>0.9990</i>	<i>1.0000</i>	<i>1.0001</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Spain (Balearic Islands, Majorca and Minorca)	Spain (Chueta, Majorcan Jews)	Spain (Canary Islands)	Switzerland (Bern)	United Kingdom (pooled)
Ref.	(29)	(29)	(15, 31)	(4)	
n	113	102	138	206	822
Alleles					
7	0.0000	0.0050	0.0000	0.0000	0.0000
8	0.0220	0.0250	0.0072	0.0146	0.0185
9	0.0000	0.0050	0.0181	0.0073	0.0149
10	0.1030	0.0290	0.0978	0.0947	0.0961
11	0.1120	0.1030	0.1087	0.0947	0.0665
12	0.1380	0.1320	0.0978	0.1335	0.1425
13	0.3080	0.2210	0.2645	0.2694	0.3156

14	0.1700	0.1860	0.2391	0.2087	0.2157
15	0.1120	0.2160	0.1014	0.1359	0.0950
16	0.0270	0.0780	0.0543	0.0364	0.0299
17	0.0090	0.0000	0.0109	0.0049	0.0043
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0010</i>	<i>1.0000</i>	<i>0.9998</i>	<i>1.0001</i>	<i>0.9990</i>
	Europe		America, North		
Population	United Kingdom	United Kingdom	USA (Afro-americans)	USA (Caucasoids) (pooled)	USA (Caucasians)
Ref.	(2)	(8)	(35)		(35)
n	602	220	180	347	196
Alleles					
7	0.0000	0.0000	< 9: 0.0028	< 9: 0.0245	< 9: 0.0179
8	0.0180	0.0200			
9	0.0130	0.0200	0.0056	0.0115	0.0102
10	0.0940	0.1020	0.0250	0.1052	0.1020
11	0.0660	0.0680	0.0361	0.0692	0.0587
12	0.1430	0.1410	0.1083	0.1297	0.1454
13	0.3330	0.2680	0.2222	0.3213	0.3393
14	0.2090	0.2340	0.3333	0.2060	0.2015
15	0.0880	0.1140	0.2139	0.1095	0.1097
16	0.0310	0.0270	0.0444	0.0173	0.0128
17	0.0040	0.0050	0.0083	0.0058	0.0026
18	0.0000	0.0000	0.0000	0.0000	0.0000

19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>0.9990</i>	<i>0.9990</i>	<i>0.9999</i>	<i>1.0000</i>	<i>1.0001</i>
	America, North		America, Central		
Population	USA (Caucasoids, Maine)	USA (Hispanics)	Afro- Caribbean (living in UK)	Bahamas (Bahamians living in USA)	Jamaica (Jamaicans living in USA)
Ref.	(25)	(35)	(2)	(35)	(35)
n	151	203	190	157	194
Alleles					
7	0.0000	< 9: 0.0025	0.0000	< 9: 0.0000	< 9: 0.0000
8	0.0331		0.0080		
9	0.0132	0.0025	0.0080	0.0032	0.0077
10	0.1093	0.0936	0.0340	0.0223	0.0129
11	0.0828	0.0616	0.0320	0.0510	0.0309
12	0.1093	0.1207	0.1320	0.1306	0.1134
13	0.2980	0.3251	0.2110	0.1879	0.2062
14	0.2119	0.2463	0.3110	0.3376	0.3222
15	0.1093	0.1158	0.2130	0.1847	0.2191
16	0.0232	0.0246	0.0390	0.0605	0.0799
17	0.0099	0.0074	0.0110	0.0223	0.0052
18	0.0000	0.0000	0.0030	0.0000	0.0026
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0001</i>	<i>1.0020</i>	<i>1.0001</i>	<i>1.0001</i>
	America, Central	America, South			Asia, Indian

					Sub-continent
Population	Trinidad (Trinidadians living in USA)	Bolivia (Department of La Paz, Amerindians, Aymara)	Brazil (Amazon)	Brazil (São Paulo)	Indo-Pakistani (living in UK)
Ref.	(35)	(23)	(14)	(14)	(2)
n	80	115	100	113	257
Alleles					
7	< 9: 0.0063	0.0000	0.0000	0.0000	0.0000
8		0.0000	0.0050	0.0089	0.0100
9	0.0000	0.0090	0.0100	0.0221	0.0000
10	0.0500	0.0520	0.1050	0.1062	0.1670
11	0.0750	0.0480	0.0600	0.0797	0.0680
12	0.1563	0.1260	0.1850	0.1372	0.1110
13	0.2313	0.3350	0.2550	0.2920	0.1980
14	0.2500	0.2300	0.2500	0.1991	0.2000
15	0.1750	0.1700	0.1100	0.1195	0.1610
16	0.0563	0.0260	0.0200	0.0310	0.0720
17	0.0000	0.0040	0.0000	0.0044	0.0120
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0002</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0001</i>	<i>0.9990</i>
	Asia, Far East				
Population	China (Chengdu,	Korea	Japan (pooled)	Japan	Japan (Kanagawa)

	Sichuan, Han population)				
Ref.	(19)	(40)		(20)	(18)
n	128	379	436	326	110
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0040	0.0000	0.0000	0.0000
9	0.0000	0.0020	0.0049	0.0050	0.0045
10	0.1410	0.1160	0.1272	0.1440	0.0773
11	0.1130	0.0870	0.0760	0.0710	0.0909
12	0.1330	0.1500	0.1287	0.1200	0.1545
13	0.2220	0.2510	0.2308	0.2350	0.2182
14	0.1680	0.1660	0.2360	0.2220	0.2773
15	0.1600	0.1520	0.1285	0.1350	0.1091
16	0.0510	0.0620	0.0586	0.0630	0.0455
17	0.0080	0.0100	0.0102	0.0060	0.0227
18	0.0040	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0000</i>	<i>1.0009</i>	<i>1.0010</i>	<i>1.0000</i>

	Africa				
Population	Algeria (Ghardaia, Berbers, Mozabites)	Angola	Cabo Verde (pooled)	Cabo Verde	Cabo Verde
Ref.	(36)	(14)		(14)	(16)
n	44	102	227	107	120
Alleles					

7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0090	0.0000	0.0170
9	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.2050	0.0000	0.0267	0.0421	0.0130
11	0.0340	0.0637	0.0860	0.1028	0.0710
12	0.0800	0.1324	0.0971	0.1028	0.0920
13	0.1480	0.1275	0.2314	0.2710	0.1960
14	0.2500	0.3922	0.3128	0.2710	0.3500
15	0.2500	0.2353	0.1608	0.1449	0.1750
16	0.0340	0.0441	0.0620	0.0608	0.0630
17	0.0000	0.0049	0.0112	0.0047	0.0170
18	0.0000	0.0000	0.0042	0.0000	0.0080
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0010</i>	<i>1.0001</i>	<i>1.0012</i>	<i>1.0001</i>	<i>1.0020</i>

	Africa				
Population	Central West (living in Spain)	Egypt (Cairo area)	Equatorial Guinea (Bioko Island, Bubi population)	Guinea-Bissau	Morocco (Arabs) (pooled)
Ref.	(15, 31)	(26)	(17)	(14)	
n	132	140	110	92	101
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0000	0.0040	0.0000	0.0000	0.0196
9	0.0000	0.0070	0.0000	0.0000	0.0095
10	0.0076	0.0430	0.0046	0.0054	0.0740

11	0.0379	0.1140	0.0364	0.0435	0.0944
12	0.1250	0.1040	0.2000	0.0707	0.0692
13	0.1667	0.2070	0.1636	0.2717	0.2273
14	0.3447	0.2710	0.3864	0.3370	0.2623
15	0.2462	0.1960	0.1409	0.2283	0.1977
16	0.0492	0.0540	0.0636	0.0380	0.0347
17	0.0189	0.0000	0.0046	0.0054	0.0095
18	0.0038	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>1.0000</i>	<i>1.0000</i>	<i>1.0001</i>	<i>1.0000</i>	<i>0.9982</i>
	Africa				
Population	Morocco (Arabs)	Morocco (Arabs)	Morocco (Berbers) (pooled)	Morocco (Northern Berbers)	Morocco (North and Central, Berbers)
Ref.	(36)	(30)		(30)	(36)
n	54	47	137	49	41
Alleles					
7	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.0280	0.0100	0.0220	0.0410	0.0120
9	0.0090	0.0100	0.0072	0.0100	0.0120
10	0.0740	0.0740	0.1095	0.1020	0.1100
11	0.0930	0.0960	0.1536	0.1430	0.1590
12	0.0650	0.0740	0.0984	0.1020	0.1220
13	0.2310	0.2230	0.1861	0.1940	0.1710
14	0.2590	0.2660	0.1898	0.1940	0.1950

15	0.1940	0.2020	0.1859	0.1730	0.1830
16	0.0370	0.0320	0.0327	0.0200	0.0120
17	0.0090	0.0100	0.0143	0.0200	0.0240
18	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000	0.0000
S	<i>0.9990</i>	<i>0.9970</i>	<i>0.9995</i>	<i>0.9990</i>	<i>1.0000</i>

	Africa			
Population	Morocco (South, Berbers)	Mozam-bique	Sahara (West, Saharawis)	São Tomé e Príncipe
Ref.	(36)	(14)	(36)	(14)
n	47	92	52	61
Alleles				
7	0.0000	0.0000	0.0000	0.0000
8	0.0110	0.0000	0.0290	0.0000
9	0.0000	0.0000	0.0000	0.0082
10	0.1170	0.0109	0.0960	0.0246
11	0.1600	0.0217	0.0960	0.0738
12	0.0740	0.1522	0.1150	0.0902
13	0.1910	0.1685	0.2020	0.2459
14	0.1810	0.3859	0.2210	0.3033
15	0.2020	0.2283	0.1920	0.2131
16	0.0640	0.0272	0.0480	0.0328
17	0.0000	0.0054	0.0000	0.0082
18	0.0000	0.0000	0.0000	0.0000
19	0.0000	0.0000	0.0000	0.0000

S	<i>1.0000</i>	<i>1.0001</i>	<i>0.9990</i>	<i>1.0001</i>
	Oceania: Australia, Melanesia, Polynesia			
Population	Australia (Asians)	Australia (Caucasoids)		
Ref.	(27)	(27)		
n	70	71		
Alleles				
7	0.0000	0.0000		
8	0.0000	0.0070		
9	0.0071	0.0070		
10	0.1286	0.1549		
11	0.1000	0.0493		
12	0.1500	0.1690		
13	0.2001	0.3591		
14	0.1643	0.1621		
15	0.1714	0.0845		
16	0.0500	0.0070		
17	0.0214	0.0000		
18	0.0000	0.0000		
19	0.0071	0.0000		
S	<i>1.0000</i>	<i>0.9999</i>		

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