

D2S1338

	Europe				
Population	Austria (pooled)	Austria (South-East)	Austria (Vienna)	Finland	Germany (pooled)
Ref.		(24)	(25)	(2)	
n	709	100	609	180	390
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0009	0.0000	0.0010	0.0000	0.0013
15	0.0041	0.0050	0.0040	0.0000	0.0000
16	0.0474	0.0500	0.0470	0.0170	0.0358
17	0.2023	0.1800	0.2060	0.1920	0.1991
18	0.0694	0.0600	0.0710	0.0500	0.0854
19	0.1053	0.0950	0.1070	0.1640	0.1184
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1508	0.1250	0.1550	0.1310	0.1502
21	0.0316	0.0350	0.0310	0.0500	0.0560
22	0.0352	0.0550	0.0320	0.0170	0.0315
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0947	0.1050	0.0930	0.0330	0.0999
24	0.1232	0.1550	0.1180	0.1140	0.0896
25	0.1091	0.1100	0.1090	0.1830	0.1238
26	0.0216	0.0250	0.0210	0.0440	0.0125
27	0.0034	0.0000	0.0040	0.0000	0.0000
28	0.0017	0.0000	0.0020	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0007</i>	<i>1.0000</i>	<i>1.0010</i>	<i>0.9950</i>	<i>1.0035</i>

	Europe				
Population	Germany (Central)	Germany (Düsseldorf)	Italy (pooled)	Italy	Italy (Reggio Calabria)
Ref.	(24)	(1)		(12)	(4)
n	231	159	633	208	100
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0031	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0008	0.0024	0.0000
16	0.0410	0.0283	0.0456	0.0673	0.0180
17	0.2150	0.1761	0.2465	0.2308	0.1480
18	0.0900	0.0786	0.1283	0.0841	0.1160
19	0.1220	0.1132	0.1010	0.1082	0.0980
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1410	0.1635	0.1302	0.1274	0.1480
21	0.0600	0.0503	0.0275	0.0264	0.0490
22	0.0250	0.0409	0.0344	0.0288	0.0480
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0950	0.1069	0.0881	0.1034	0.0660
24	0.0950	0.0818	0.0923	0.1058	0.1130
25	0.1030	0.1541	0.0810	0.0938	0.1470
26	0.0190	0.0031	0.0220	0.0168	0.0490
27	0.0000	0.0000	0.0016	0.0024	0.0000
28	0.0000	0.0000	0.0008	0.0024	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0060</i>	<i>0.9999</i>	<i>1.0001</i>	<i>1.0000</i>	<i>1.0000</i>

	Europe				
Population	Italy (Catanzaro)	Italy (Cosenza)	Italy (Sicily, Alia)	Italy (Brescia)	Poland (pooled)
Ref.	(4)	(4)	(20)	(48)	
n	100	100	50	75	2688
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0005
15	0.0000	0.0000	0.0000	0.0000	0.0008
16	0.0500	0.0450	0.0410	0.0200	0.0457
17	0.2900	0.3250	0.2350	0.2667	0.2090
18	0.2200	0.1850	0.1430	0.0600	0.0918
19	0.0800	0.1350	0.0820	0.0800	0.1042
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1200	0.1000	0.1220	0.1733	0.1413
21	0.0100	0.0100	0.0510	0.0333	0.0441
22	0.0150	0.0450	0.0200	0.0533	0.0162
22.2	0.0000	0.0000	0.0000	0.0000	0.0026
23	0.0450	0.0800	0.1330	0.1133	0.0940
24	0.1150	0.0100	0.1220	0.0867	0.1051
25	0.0250	0.0450	0.0510	0.1000	0.1231
26	0.0300	0.0200	0.0000	0.0067	0.0203
27	0.0000	0.0000	0.0000	0.0067	0.0014
28	0.0000	0.0000	0.0000	0.0000	0.0003
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0004</i>

	Europe				
Population	Poland (North)	Poland (North-East)	Poland (North- Central)	Poland (Central)	Poland (Central)
Ref.	(22, 46)	(34)	(23)	(16)	(18)
n	145	413	412	500	222
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0010	0.0000	0.0000
16	0.0450	0.0500	0.0440	0.0380	0.0653
17	0.2750	0.2130	0.1900	0.2080	0.2230
18	0.0900	0.0980	0.1020	0.0880	0.0766
19	0.0760	0.1130	0.1060	0.1050	0.1239
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1550	0.1290	0.1420	0.1620	0.1036
21	0.0520	0.0440	0.0470	0.0450	0.0450
22	0.0140	0.0190	0.0000	0.0180	0.0293
22.2	0.0000	0.0000	0.0170	0.0000	0.0000
23	0.0790	0.0910	0.0920	0.0850	0.1216
24	0.0830	0.1200	0.0950	0.0960	0.1013
25	0.1170	0.1130	0.1370	0.1270	0.0923
26	0.0140	0.0130	0.0230	0.0270	0.0180
27	0.0000	0.0000	0.0040	0.0010	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0000</i>	<i>1.0030</i>	<i>1.0000</i>	<i>1.0000</i>	<i>0.9999</i>

	Europe				
Population	Poland (Lodz region)	Poland (Pomerania-Kujawy)	Poland (North-East, religious minority of Old Believers)	Poland (North-East, Tatars, Podlasie area)	Romania
Ref.	(31, 50)	(11)	(17)	(33)	(45)
n	207	789	136	120	104
Alleles					
10	0.0000	0.0000	0.0070	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0050	0.0000
14	0.0024	0.0010	0.0000	0.0000	0.0000
15	0.0048	0.0010	0.0000	0.0000	0.0000
16	0.0531	0.0420	0.0880	0.0090	0.0340
17	0.1957	0.2050	0.2130	0.0950	0.2450
18	0.0966	0.0890	0.0510	0.0500	0.1010
19	0.0990	0.0990	0.0960	0.2320	0.1250
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1425	0.1420	0.1840	0.1550	0.1350
21	0.0459	0.0400	0.0590	0.0680	0.0340
22	0.0266	0.0160	0.0370	0.0410	0.0140
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.0918	0.0980	0.0810	0.1270	0.1110
24	0.1111	0.1120	0.0960	0.1550	0.1110
25	0.1135	0.1310	0.0810	0.0640	0.0630
26	0.0169	0.0210	0.0070	0.0000	0.0290
27	0.0000	0.0020	0.0000	0.0000	0.0000
28	0.0000	0.0010	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>0.9999</i>	<i>1.0000</i>	<i>1.0000</i>	<i>1.0010</i>	<i>1.0020</i>

	Europe				
Population	Serbia and Montenegro (Kosovo Albanians from Prishtina, Vitia and Gajakova area)	Serbia and Montenegro (Serbs, autochthonous, Novi Sad, Vojvodina province)	Spain (pooled)	Spain (Central-West, Extremadura)	Spain (Northeast)
Ref.	(15)	(19)		(3)	(40)
n	136	100	303	120	183
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0040	0.0050	0.0033	0.0083	0.0000
16	0.0810	0.0700	0.0414	0.0375	0.0440
17	0.2720	0.2400	0.2658	0.2625	0.2680
18	0.0810	0.1000	0.0744	0.0750	0.0740
19	0.0770	0.1000	0.1239	0.1208	0.1260
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1210	0.1100	0.1107	0.1208	0.1040
21	0.0000	0.0450	0.0365	0.0250	0.0440
22	0.0220	0.0450	0.0097	0.0000	0.0160
22.2	0.0000	0.0000	0.0181	0.0458	0.0000
23	0.1760	0.0900	0.0959	0.0958	0.0960
24	0.1140	0.0700	0.1119	0.1042	0.1170
25	0.0480	0.1050	0.0923	0.0958	0.0900
26	0.0040	0.0200	0.0148	0.0083	0.0190
27	0.0000	0.0000	0.0018	0.0000	0.0030
28	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0000</i>	<i>1.0000</i>	<i>1.0005</i>	<i>0.9998</i>	<i>1.0010</i>

	Europe				
Population	Switzerland	Turkey (pooled)	Turkey (East, area of Mersin, Adana, Osmaniye, Hatay, Kahraman Maras)	Turkey (West, area of Antalya, Isparta, Burdur)	Turkey (Marmara region without Istanbul)
Ref.	(5)		(8)	(8)	(41)
n	206	554	107	108	173
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0020	0.0000	0.0000	0.0000	0.0090
16	0.0350	0.0423	0.0470	0.0320	0.0490
17	0.2120	0.2092	0.2520	0.1850	0.2020
18	0.0690	0.1046	0.0560	0.1300	0.1040
19	0.1430	0.1297	0.1590	0.1390	0.1180
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1260	0.1346	0.1310	0.1110	0.1590
21	0.0370	0.0333	0.0230	0.0370	0.0260
22	0.0490	0.0423	0.0370	0.0230	0.0550
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.1010	0.1310	0.1210	0.1200	0.1420
24	0.1260	0.0884	0.0840	0.1110	0.0640
25	0.0710	0.0596	0.0510	0.0650	0.0640
26	0.0270	0.0119	0.0190	0.0280	0.0060
27	0.0020	0.0073	0.0090	0.0190	0.0030
28	0.0000	0.0026	0.0090	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	1.0000	0.9996	0.9980	1.0000	1.0010

	Europe	America, Central			
Population	Turkey (Aegean region)	Mexico (Amerindians, Otomi) (pooled)	Mexico (Amerindians, Otomi, Villages of Tenango de Doria and San Bartolo Tutopec Hidalgo State)	Mexico (Amerindians, Otomi, El Cardonal, Ixmiquilpan valley, Hidalgo State)	Mexico (Amerindians, Huasteco of Xochiatipan, Yahualica, Atlapexco and Huetjutla, Hidalgo State)
Ref.	(42)		(6)	(6)	(6)
n	166	174	91	83	135
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0029	0.0000	0.0060	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0370
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0390	0.0029	0.0000	0.0060	0.0000
17	0.2050	0.0860	0.0650	0.1090	0.0900
18	0.1200	0.0661	0.0480	0.0860	0.0900
19	0.1170	0.2533	0.2900	0.2130	0.3920
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1270	0.1864	0.1940	0.1780	0.0970
21	0.0450	0.0248	0.0320	0.0170	0.0110
22	0.0450	0.1333	0.1610	0.1030	0.0710
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.1330	0.1772	0.1610	0.1950	0.2350
24	0.1020	0.0525	0.0320	0.0750	0.0110
25	0.0570	0.0141	0.0160	0.0120	0.0000
26	0.0030	0.0000	0.0000	0.0000	0.0000
27	0.0030	0.0000	0.0000	0.0000	0.0000
28	0.0030	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	0.9990	0.9995	0.9990	1.0000	1.0340

	America, Central	America, South			Asia, Near East
Population	Mexico (Central, states of Mexico, Morelos, Queretaro, Puebla, Distrito Federal)	Brazil (Bahia)	Brazil (Rio de Janeiro state)	Venezuela (Caracas City)	Israel (Jews)
Ref.	(44)	(49)	(28)	(10)	(14)
n	211	150	232	255	163
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0024	0.0030	0.0000	0.0000	0.0000
15	0.0048	0.0000	0.0000	0.0020	0.0000
16	0.0383	0.0400	0.0410	0.0275	0.0399
17	0.1603	0.2000	0.2260	0.2412	0.2822
18	0.0574	0.0530	0.0580	0.0686	0.0675
19	0.2273	0.1070	0.1180	0.1039	0.1043
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1675	0.1230	0.1350	0.1333	0.1380
21	0.0263	0.0630	0.0620	0.0647	0.0491
22	0.0647	0.0870	0.0940	0.0569	0.0245
22.2	0.0000	0.0870	0.0000	0.0000	0.0000
23	0.1124	0.1130	0.0990	0.1471	0.0951
24	0.0837	0.0930	0.0810	0.0922	0.1135
25	0.0502	0.0270	0.0600	0.0490	0.0675
26	0.0024	0.0030	0.0190	0.0137	0.0153
27	0.0024	0.0000	0.0020	0.0000	0.0031
28	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0001</i>	<i>0.9990</i>	<i>0.9950</i>	<i>1.0001</i>	<i>1.0000</i>

	Asia, Far East				
Population	China (Han population) (pooled)	China (Han, Jilin province)	China (South, Han, region of Shantou)	China (Han, Shangdong province)	China (Hong Kong)
Ref.		(43)	(7)	(27)	(36)
n	418	200	132	86	325
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0014	0.0030	0.0000	0.0000	0.0000
15	0.0156	0.0050	0.0000	0.0640	0.0000
16	0.0202	0.0100	0.0110	0.0581	0.0080
17	0.0682	0.0600	0.0380	0.1337	0.0630
18	0.1222	0.1380	0.0530	0.1919	0.0850
19	0.1604	0.1580	0.2080	0.0930	0.2080
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1066	0.0950	0.1670	0.0407	0.1150
21	0.0393	0.0200	0.0450	0.0756	0.0380
22	0.0684	0.0480	0.0680	0.1163	0.0340
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.1677	0.2080	0.1440	0.1105	0.1860
24	0.1282	0.1400	0.1520	0.0640	0.1830
25	0.0838	0.0880	0.0980	0.0523	0.0600
26	0.0119	0.0150	0.0150	0.0000	0.0150
27	0.0062	0.0130	0.0000	0.0000	0.0050
28	0.0014	0.0030	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0015</i>	<i>1.0040</i>	<i>0.9990</i>	<i>1.0001</i>	<i>1.0000</i>

	Asia, Far East				
Population	China (Luoba population, Tibet)	East Timor	Korea	Philippines (Capital region, Luzon, Visayas, Mindano)	Thailand
Ref.	(38)	(47)	(13)	(34)	(37)
n	93	107	231	106	210
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0000	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.0054	0.0000	0.0060	0.0240	0.0210
17	0.0806	0.0890	0.1020	0.0990	0.0860
18	0.1344	0.0420	0.1470	0.0280	0.0690
19	0.1828	0.2150	0.1820	0.2170	0.2260
19.2	0.0000	0.0000	0.0020	0.0000	0.0000
20	0.1398	0.0420	0.1130	0.0900	0.1360
21	0.0269	0.0280	0.0190	0.0190	0.0620
22	0.0484	0.1070	0.0280	0.1320	0.0380
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.1989	0.2060	0.1750	0.1560	0.1640
24	0.1505	0.1920	0.1340	0.1560	0.1500
25	0.0323	0.0700	0.0690	0.0750	0.0430
26	0.0000	0.0050	0.0150	0.0050	0.0050
27	0.0000	0.0050	0.0040	0.0000	0.0000
28	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0020	0.0000	0.0000
Σ	<i>1.0000</i>	<i>1.0010</i>	<i>0.9980</i>	<i>1.0010</i>	<i>1.0000</i>

	Asia, Far East	Africa			
Population	Taiwan	Angola (Cabinda)	Equatorial Guinea (Fang, Bioko island, Bight of Biafra)	Equatorial Guinea (living in Madrid)	Gabon
Ref.	(30)	(26)	(9)	(32)	(21)
n	559	110	129	134	108
Alleles					
10	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.0000	0.0000	0.0042	0.0000	0.0000
12.2	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.0000	0.0000	0.0083	0.0070	0.0190
16	0.0210	0.0591	0.0792	0.0600	0.0690
17	0.0550	0.0818	0.0708	0.1380	0.0930
18	0.0960	0.0591	0.0208	0.0370	0.1020
19	0.1640	0.1591	0.1292	0.1190	0.1760
19.2	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.1210	0.1227	0.0958	0.0900	0.1300
21	0.0390	0.1409	0.1375	0.1010	0.0830
22	0.0560	0.1500	0.1583	0.1570	0.0970
22.2	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.1870	0.0682	0.0625	0.1190	0.0600
24	0.1790	0.0773	0.0958	0.0710	0.0650
25	0.0690	0.0591	0.1250	0.0900	0.0790
26	0.0080	0.0136	0.0125	0.0110	0.0280
27	0.0040	0.0091	0.0000	0.0000	0.0000
28	0.0010	0.0000	0.0000	0.0000	0.0000
29	0.0000	0.0000	0.0000	0.0000	0.0000
Σ	<i>1.0000</i>	<i>1.0000</i>	<i>0.9999</i>	<i>0.9990</i>	<i>1.0010</i>

Africa

Population	Guinea- Bissau (Balanta, Beufada, Cassanga, Fula, Mancanha, Mandinga, Manjaco, Nalú, Papel)	Mozambique (Maputo)
Ref.	(39)	(29)
n	92	139
Alleles		
10	0.0000	0.0000
12	0.0000	0.0000
12.2	0.0054	0.0000
13	0.0000	0.0000
14	0.0000	0.0000
15	0.0054	0.0000
16	0.0598	0.0580
17	0.0815	0.0680
18	0.0543	0.0790
19	0.1087	0.1300
19.2	0.0000	0.0000
20	0.0978	0.0830
21	0.2065	0.1620
22	0.1033	0.1940
22.2	0.0000	0.0000
23	0.0652	0.0940
24	0.1033	0.0470
25	0.0870	0.0610
26	0.0217	0.0220
27	0.0000	0.0040
28	0.0000	0.0000
29	0.0000	0.0000
Σ	0.9999	1.0020

References

- (1) **Huckenbeck, W., Arent, T., Scheil, H. - G.** (2005) Unpublished data
- (2) **Brenner, C.H.** (2000) Summary of Polymorphic STR Allele Frequencies and Y Chromosome Haplotype Frequencies. *Prog. Forensic Genet.* 8 / *Int. Congress Ser* 1193: 109-125
- (3) **Garcia-Hirschfeld, J., Farfan, M.J., Prieto, V., Lopez-Soto, M., Torres, Y., Sanz, P.** (2003) Allele distribution of 15 STRs in a population from Extremadura (Central-Western Spain). *Prog. Forensic Genet.* 9 / *Int. Congress Ser.* 1239: 165-169
- (4) **Barbaro, A., Cormaci, P., Falcone, G., La Marca, A., Barbaro, A.** (2003) Population genetic study of 15 STRs loci using AmpF/STR identifier kit (Applied Biosystems). *Prog. Forensic Genet.* 9 / *Int. Congress Ser.* 1239: 259-266 and personal communication.
- (5) **Binda, S., Borer, U.V., Gehrig, C., Hochmeister, M., Budowle, B.** (2000) Swiss Caucasian population data for the STR loci D2S1338 and D19S433 using the AmpFISTR SGM Plus PCR amplification kit. *Forensic Sci. Int.* 108: 117-120
- (6) **Barrot, C., Sanchez, C., Ortega, M., Gonzalez-Martin, A., Brand-Casadevall, C., Gorostiza, A., Huguet, E., Corbella, J., Gene, M.** (2005) Characterisation of three Amerindian populations from Hidalgo State (Mexico) by 15 STR-PCR polymorphisms. *Int. J. Legal Med.* 119: 111-115
- (7) **Cai, Y., Xiang, D. -P., Liang, X.-Y., Xu, Y.-L., Zhuang, Y.-L.** (2003) STR data for the AmpF/STR SGM Plus loci from Shantou (south of China). *Forensic Sci. Int.* 132: 225-227
- (8) **Chakyr, A.H., Simsek, F., Katyrcy, N., Tasdelen, B.** (2004) STR data for the AmpF/STR SGM Plus from the eastern and western sections of Mediterranean region of Turkey. *Forensic Sci. Int.* 142: 55-57
- (9) **Calzada, P., Suarez, I., Garcia, S., Barrot, C., Sanchez, C., Ortega, M., Mas, J., Huguet, E., Corbella, J., Gene, M.** (2005) The Fang population of Equatorial Guinea characterised by 15 STR-PCR polymorphisms. *Int. J. Legal Med.* 119: 107-110
- (10) **Chiurillo, M.A., Morales, A., Mendes, A.M., Lander, N., Tovar, F., Fuentes, A., Ramirez, J.L.** (2003) Genetic profiling of a central Venezuelan population using 15 STR markers that may be of forensic importance. *Forensic Sci. Int.* 136: 99-101
- (11) **Czarny, J.** (2002) Population genetics of the STRs D3S1358, FGA, D2S1338, D8S1179, D21S11, D18S51 and D19S433 in the Pomerian-Kujawy region of Poland. *Forensic Sci. Int.* 125: 90-92
- (12) **Garofano, L., Pizzamiglio, M., Donato, F., Biondi, F., Rossetti, M., Budowle, B.** (1999) Italian population data on two new short tandem repeat loci: D2S1338 and Penta E. *Forensic Sci. Int.* 105: 131-136
- (13) **Kim, Y. -L., Hwang, J. -H., Kim, Y.-J., Lee, S., Chung, N.-G., Goh, H.-G., Kim, C.-C., Kim, D.-W.** (2003) Allele frequencies of 15 STR loci using AmpF/STR Identifier kit in a Korean population. *Forensic Sci. Int.* 136: 92-95
- (14) **Korostishevsky, M., Loewenthal, R., Slomov, Y., Gazit, E.** (2004) Erroneous identification in a mixed population simulation using Israeli STR data. *Int. J. Legal med.* 118: 111-114
- (15) **Kubat, M., Skavic, J., Behluli, I., Nuraj, B., Bekteshi, T., Behluli, M., Martinovic Klaric, I., Pericic, M.** (2004) Population genetics of the 15 AmpF/STR identifier loci in Kosovo Albanians. *Int. J. Legal Med.* 118: 115-118
- (16) **Kuzniar, P., Soltyszewski, I., Ploski, R.** (2002) Population genetics of 10 STR loci in a population of Central Poland. *Forensic Sci. Int.* 130: 55-57
- (17) **Pepinski, W., Niemcunowicz-Janica, A., Skawronska, M., Janica, J., Koc-Zorawska, E., Soltyszewski, I.** (2005) Genetic data on 15 STRs in a population sample of religious minority of Old Believers residing in the northeastern Poland. *Forensic Sci. Int.* 148: 61-63
- (18) **Tucholska-Lenart, A., Wujec, J., Samborski, J., Grejcz Jakubowska, E.** (2002) Allele frequencies for 10 STR loci in a population from Central Poland. *Forensic Sci. Int.* 129: 131-133
- (19) **Veselinovic, I., Kubat, M., Furac, I., Skavic, J., Martinovic Klaric, I., Tasic, M.** (2004) Allele frequencies of the 15 AmpF/STR Identifier loci in the population of Vojvodina Province, Serbia and Montenegro. *Int. J. Legal Med.* 118: 184-186
- (20) **Calo, C.M., Garofano, L., Mameli, A., Pizzamiglio, M., Vona, G.** (2003) Genetic Analysis of a Sicilian Population Using 15 Short Tandem Repeats. *Hum. Biol.* 75: 163-178
- (21) **Steinlechner, M., Schmidt, K., Kraft, H.G., Uterman, G., Parson, W.** (2002) Gabon black population data on the ten short tandem repeat loci D3S1358, vWA, D16S539, D2S1338, D8S1179, D21S11, D18S51, D19S433, TH01 and FGA. *Int. J. Legal Med.* 116: 176-178
- (22) **Szczerkowska, Z., Kapinska, E., Wysocka, J., Cybulska, L.** (2004) Northern Polish population data and forensic usefulness of 15 autosomal STR loci. *Forensic Sci. Int.* 144: 69-71
- (23) **Czarny, J., Grzybowski, T., Derenko, M.V., Malyarchuk, B.A., Sliwka, D.M.** (2005) Genetic variation of 15 STR loci, (D3S1358), vWA, FGA, TH01, TPOX, CSF1PO, D5S818, D13S317, D7S820, D16S539, D2S1338, D8S1179, D21S11, D18S51, and D19S433) in population of north and central Poland. *Forensic Sci. Int.* 147: 97-100
- (24) **Reichenpfaeder, B., Immel, U., Klitschar, M.** (2003) Population data on the AmpFISTR SGM plus PCR amplification kit in Germans and Austrians. *Forensic Sci. Int.* 132: 84-86
- (25) **Nussbaumer, C., Hanslik, S., Fichtinger, M., Bauer, G.** (2001) STR data for the AmpF/STR SGM plus from a regional population of Austria. *Forensic Sci. Int.* 122: 181-183
- (26) **Beleza, S., Alves, C., Reis, F., Amorim, A., Carracedo, A., Gusmao, L.** (2004) 17 STR data (AmpF/STR Identifier and Powerplex, 16 System) from Cabinda (Angola). *Forensic Sci. Int.* 141: 193-196
- (27) **Zhu, B., Lü, G., Shen, C., Yao, G., Dong, H.** (2004) Han nation population in Shangdong province of China data for nine STR loci. *Forensic Sci. Int.* 140: 123-124
- (28) **Souza Goes, A.C. de, Silva, D.A. da, Fonseca Gil, E.H., Silva, M.T.D. da, Pereira, R.W., Carvalho, E.F. de** (2004) Allele frequencies data and statistic parameters for 16 STR loci – D19S433, D2S1338, CSF1PO, D16S539, D7S820, D21S11, D18S51, D13S317, D5S818, FGA, Penta E, TH01, vWA, D8S1179, TPOX, D3S1358 – in the Rio de Janeiro population, Brazil. *Forensic Sci. Int.* 140: 131-132
- (29) **Alves, C., Gusmao, L., Damasceno, A., Soares, B., Amorim, A.** (2004) Contribution for an African autosomic STR database (AmpF/STR Identifier and Powerplex 16 System) and a report on genotypic variations. *Forensic Sci. Int.* 139: 201-205
- (30) **Wang, C. - W., Chen, D. - P., Chen, C. - Y., Lu, S. - C., Sun, C. - F.** (2003) STR data for the AmpF/STR SGM Plus and Profiler loci from Taiwan. *Forensic Sci. Int.* 138: 119-122
- (31) **Jacewicz, R., Berent, J., Prośniak, A., Kadlubek, M., Szram, S.** (2003) Genetic diversity and forensic evaluation of 10 STR loci in Lodz region of Poland. *Forensic Sci. Int.* 137: 94-96
- (32) **Alves, C., Gusmao, L., Lopez-Parra, A.M., Soladed Mesa, M., Amorim, A., Arroyo-Pardo, E.** (2005) STR allelic frequencies for an African population sample (Equatorial Guinea) using AmpF/STR Identifier and Powerplex 16 kits. *Forensic Sci. Int.*: 239- 242
- (33) **Pepinski, W., Janica, J., Aleksandrowicz - Bukin, M., Skawronska, M., Koc – Zorawska, E., Niemcunowicz-Janica, A.** (2004) Population genetics of 10 short tandem repeat (STR) loci in a population sample of the ethnic group of Polish Tatars living in the Podlasie area (Northeastern Poland). *Folia Morphol.* 63: 11-17

- (34) **Pepinski, W., Janica, J., Skawronska, M., Niemcunowicz – Janica, A., Sotyszewski, I.** (2001) Population genetics of 15 STR loci in the population of Podlasie (NE Poland). *Forensic Sci. Int.* 124: 226-227
- (35) **De Ungria, M.C.A., Roby, R.K., Tabbada, K.A., Rao-Coticone, S., Tan, M.M.M., Hernandez, K.N.** (2005) Allele frequencies of 19 STR loci in a Philippine population generated using AmpFISTR multiplex and ALF singleplex systems. *Forensic Sci. Int.* 152: 281-284
- (36) **Chan, K.M., Chiu, C.T., Tsui, P., Wong, D.M., Fung, W.K.** (2005) Population data for the Identifiler™ 15 STR loci in Hong Kong Chinese. *Forensic Sci. Int.* 152: 307-309
- (37) **Rerkamnuaychoke, B., Rinthachai, T., Shotivaranon, J., Jomsawat, U., Siriboonpiputtana, T., Chaiatchanarat, K., Pasomsub, E., Chantratita, W.** (2005) Thai population data on 15 tetrameric STR loci – D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818 and FGA. *Forensic Sci. Int.*, in press
- (38) **Kang, L., Li, S.** (2005) Allele frequencies of 15 STR LOCI OF Luoba ethnic group in Tibet (Southwestern China). *Forensic Sci. Int.*, in press.
- (39) **Pereira, J.V., Serra, A., Anjos, M.J., Vide, M.C., Corte-Real, F., Vieira, D.N.** (2005): Allele frequencies for fifteen STR loci in Guinea-Bissau population. *J. Forensic Sci.* 50: 243-244
- (40) **Crespillo, M., Paredes, M., Luque, J.A., Valverde, J.L.** (2003): Population data of the STRs D2S1338 and D19S433. *J. Forensic Sci.* 48: 1183
- (41) **Cakir, A.H., Celebioglu, A., Altunbas, S.** (2002) STR data for the AmpFISTR SGM Plus from Marmara region of Turkey. *Forensic Sci. Int.* 127: 240-242
- (42) **Cakir, A.H., Celebioglu, A., Simsek, F.** (2002) STR data for the AmpFISTR SGM Plus from Aegean region of Turkey. *Forensic Sci. Int.* 129: 137-139
- (43) **Yang, B., Wang, G., Liu, Y., Yang, W.** (2005) Population data for the AmpF/STR® Identifiler™ PCR Amplification Kit in China Han in Jilin Province, China. *Forensic Sci. Int.* 151: 293-297
- (44) **Hernandez – Gutierrez, S., Hernandez – Franco, P., Martinez – Tripp, Ramos – Kuri, M., Rangel – Villalobos, H.** (2005) STR data for 15 loci in a population sample from the central region of Mexico. *Forensic Sci. Int.* 151: 97-100
- (45) **Barbarii, L.E., Rolf, B., Calistru, P., Dermengiu, D.** (2004): Genetic study on 10 STR loci in the Romanian population. *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 169-172
- (46) **Kapinska, E., Wysocka, J., Cybulska, L., Szczerkowska, Z.** (2004): Polymorphism of AmpFISTR identifiler of the North Poland population. *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 197-200
- (47) **Souto, L., Gusmao, L., Amorim, A., Ferreira, E., Corte-Real, F., Vieira, D.N., Cruz e Silva, E.F. da** (2004): POP-Gene Timor: first forensic DNA marker study of East-Timor people. *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 201-203
- (48) **Cerri, N., Manzoni, S., Verzeletti, A., Ferrari, F. de** (2004): *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 210-212
- (49) **Santos, M.V., Anjos, M.J., Andrade, L., Vide, M.C., Corte-Real, F., Vieira, D.N.** (2004): Population genetic data for the STR loci using the AmpFISTR® identifiler™ kit in Bahia, Brazil. *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 219-222
- (50) **Jacewicz, R., Berent, J., Prośniak, A. Galecki, P., Florkowski, A., M., Szram, S.** (2004): Population genetics of the Identifiler system in Poland. *Prog. Forensic Genet.* 10 / *Int. Congress Ser.* 1261: 229-232