

F13B

Population	Ref.	n	5	6	7	8	9	10	11	12	var	S
Europe												
Austria (pooled)		1575	0.0000	0.0969	0.0165	0.2506	0.2284	0.4019	0.0057	0.0000	0.0000	1,0000
Austria	(1, 34)	810	0.0000	0.1040	0.0190	0.2580	0.2520	0.3600	0.0070	0.0000	0.0000	1,0000
Austria	(2)	216	0.0000	0.0900	0.0160	0.2450	0.2250	0.4190	0.0050	0.0000	0.0000	1,0000
Austria (Vienna region)	(33)	549	0.0000	0.0890	0.0130	0.2420	0.1950	0.4570	0.0040	0.0000	0.0000	1,0000
Basques (pooled)		508	0.0000	0.0846	0.0089	0.2451	0.2323	0.4272	0.0020	0.0000	0.0000	1.0001
Basques	(55)	306	0.0000	0.0931	0.0147	0.2598	0.2271	0.4036	0.0016	0.0000	0.0000	0,9999
Basques (autochthonous)	(17, 32)	202	0.0000	0.0718	0.0000	0.2228	0.2401	0.4629	0.0025	0.0000	0.0000	1,0001
Croatia	(25)	108	0.0000	0.0740	0.0230	0.2690	0.2080	0.4120	0.0050	0.0000	0.0000	0,9910
Germany (pooled)		6538	0.0001	0.0991	0.0152	0.2471	0.2235	0.4100	0.0037	0.0011	0.0001	0,9999
Germany	(19)	236	0.0000	0.1017	0.0127	0.2564	0.2203	0.4068	0.0021	0.0000	0.0000	1,0000
Germany (North)	(3)	289	0.0000	0.1000	0.0120	0.2350	0.2300	0.4170	0.0040	0.0020	0.0000	1,0000
Germany (North-West)	(39)	326	0.0000	0.1030	0.0120	0.2240	0.2260	0.4330	0.0010	0.0000	0.0000	0,9990
Germany (South)	(24)	1565	0.0000	0.0990	0.0166	0.2559	0.2201	0.4038	0.0035	0.0010	0.0000	0,9999
Germany (South-West)	(36)	291	0.0000	0.0825	0.0103	0.2629	0.2268	0.4141	0.0034	0.0000	0.0000	1,0000
Germany (Hamburg)	(26)	1171	0.0000	0.0965	0.0120	0.2549	0.2173	0.4142	0.0030	0.0017	0.0004	1,0000
Germany (Saxony)	(4)	250	0.0000	0.1300	0.0280	0.2280	0.2340	0.3780	0.0020	0.0000	0.0000	1,0000
Germany (Thuringia)	(20)	410	0.0000	0.1037	0.0183	0.2305	0.2427	0.4000	0.0037	0.0000	0.0012	1,0001
Germany (Aachen)	(22)	302	0.0000	0.1076	0.0149	0.2616	0.2070	0.4073	0.0017	0.0000	0.0000	1,0001
Germany (Bonn)	(18)	212	0.0000	0.0750	0.0140	0.2490	0.2290	0.4180	0.0100	0.0020	0.0000	0,9970
Germany (Düsseldorf)	(5)	511	0.0010	0.0832	0.0088	0.2564	0.2339	0.4110	0.0029	0.0029	0.0000	1,0001
Germany (Göttingen)	(6)	371	0.0000	0.1105	0.0350	0.2453	0.2008	0.3935	0.0121	0.0027	0.0000	0,9999
Germany (Münster)	(7, 50)	402	0.0000	0.1030	0.0120	0.2240	0.2260	0.4330	0.0010	0.0000	0.0000	0,9990
Germany (Rostock)	(23)	202	0.0000	0.1040	0.0074	0.2129	0.2475	0.4233	0.0050	0.0000	0.0000	1,0001
Hungary (pooled)		334	0.0000	0.0930	0.0027	0.2723	0.2094	0.4160	0.0063	0.0000	0.0000	0,9997

Hungary	(8)	223	0.0000	0.0920	0.0040	0.2780	0.2170	0.4010	0.0070	0.0000	0.0000	0,9990
Hungary (South)	(21)	111	0.0000	0.0950	0.0000	0.2610	0.1940	0.4460	0.0050	0.0000	0.0000	1,0010
Hungary (Baranya county, Romani population)	(40)	135	0.0000	0.2070	0.0000	0.2410	0.1890	0.3590	0.0040	0.0000	0.0000	1,0000
Italy (pooled)		627	0.0000	0.0773	0.0159	0.2496	0.2200	0.4362	0.0008	0.0000	0.0000	0,9998
Italy	(9)	119	0.0000	0.0378	0.0084	0.2311	0.2227	0.5000	0.0000	0.0000	0.0000	1,0000
Italy	(38)	105	0.0000	0.0900	0.0190	0.2190	0.2140	0.4570	0.0000	0.0000	0.0000	0,9990
Italy	(41)	200	0.0000	0.1000	0.0175	0.2625	0.2450	0.3725	0.0025	0.0000	0.0000	1,0000
Italy (North, Brescia area)	(37)	103	0.0000	0.0825	0.0194	0.2136	0.2427	0.4417	0.0000	0.0000	0.0000	0,9999
Italy (Tuscany)	(31)	100	0.0000	0.0600	0.01500	0.3150	0.1500	0.4600	0.0000	0.0000	0.0000	1,0000
Poland (pooled)		1489	0.0000	0.0840	0.0168	0.2290	0.2401	0.4248	0.0043	0.0010	0.0000	1.0000
Poland (Gdansk area)	(27)	426	0.0000	0.0833	0.0246	0.2136	0.2394	0.4261	0.0106	0.0023	0.0000	0,9999
Poland (North-East, Bialystok area)	(28, 50)	203	0.0000	0.1010	0.0150	0.2270	0.2220	0.4330	0.0020	0.0000	0.0000	1,0000
Poland (South-East)	(42)	201	0.0000	0.0850	0.0200	0.2060	0.2360	0.4480	0.0050	0.0000	0.0000	1,0000
Poland (Pomerania-Kujawy region)	(30, 52)	659	0.0000	0.0789	0.0114	0.2465	0.2473	0.4143	0.0008	0.0008	0.0000	1,0000
Portugal (North)	(35)	106	0.0000	0.1462	0.0000	0.1745	0.2736	0.4057	0.0000	0.0000	0.0000	1,0000
Spain (pooled)		468	0.0000	0.1059	0.0084	0.2607	0.1967	0.4241	0.0042	0.0000	0.0000	1.0000
Spain	(10)	196	0.0000	0.1150	0.0100	0.2500	0.1890	0.4310	0.0050	0.0000	0.0000	1,0000
Spain (Central)	(54)	272	0.0000	0.0993	0.0073	0.2684	0.2022	0.4191	0.0037	0.0000	0.0000	1,0000
Switzerland (South-West)	(11)	205	0.0000	0.1268	0.0146	0.2658	0.2097	0.3829	0.0000	0.0000	0.0000	0,9998
Turkey (pooled) (Kurds included)		505	0.0000	0.0742	0.0146	0.3357	0.2149	0.3595	0.0012	0.0000	0.0000	1,0001
Turkey (pooled) (without Kurds)		387	0.0000	0.0852	0.0179	0.3515	0.2134	0.3310	0.0015	0.0000	0.0000	1,0005
Turkey (Adana)	(7, 15, 39)	199	0.0000	0.0750	0.0300	0.3170	0.2440	0.3320	0.0030	0.0000	0.0000	1,0010
Turkey (Laz-Turks)	(15)	188	0.0000	0.0960	0.0050	0.3880	0.1810	0.3300	0.0000	0.0000	0.0000	1,0000
Turkey (Kurds)	(15)	118	0.0000	0.0380	0.0040	0.2840	0.2200	0.4530	0.0000	0.0000	0.0000	0,9990
America, North												
USA (Afroamericans)	(12)	220	0.0000	0.3840	0.1570	0.1000	0.2430	0.1140	0.0020	0.0000	0.0000	1,0000
USA (Caucasoids)	(12, 56)	207	0.0000	0.0990	0.0193	0.2609	0.2174	0.3986	0.0024	0.0024	0.0000	1,0000
USA (Hispanics)	(12)	217	0.0000	0.0510	0.0180	0.1290	0.3620	0.4350	0.0050	0.0000	0.0000	1,0000

America, South												
Argentina (Urban sample of La Plata city)	(47)	100	0.0000	0.1100	0.0200	0.2150	0.2700	0.3800	0.0050	0.0000	0.0000	<i>1,0000</i>
Argentina (Amerindians, Mapuche)	(47)	50	0.0000	0.0400	0.0000	0.0500	0.3900	0.5100	0.0100	0.0000	0.0000	<i>1,0000</i>
Argentina (Amerindians, Mocovi)	(47)	42	0.0000	0.0240	0.0000	0.1910	0.3210	0.4640	0.0000	0.0000	0.0000	<i>1,0000</i>
Argentina (Amerindians, Wichi)	(47)	50	0.0000	0.0000	0.0000	0.0100	0.6500	0.3400	0.0000	0.0000	0.0000	<i>1,0000</i>
Brazil	(56)	417	0.0000	0.1440	0.0250	0.2100	0.2330	0.3870	0.0000	0.0000	0.0000	<i>0,9990</i>
Brazil (Northeast)	(51)	124	0.0000	0.1980	0.0890	0.1490	0.2540	0.2940	0.0160	0.0000	0.0000	<i>1,0000</i>
Brazil (Rio de Janeiro and outskirts)	(48)	310	0.0000	0.1660	0.0520	0.1740	0.2340	0.3710	0.0030	0.0000	0.0000	<i>1,0000</i>
Colombia (Caucasian-Mestizos)	(45)	320	0.0000	0.0859	0.0188	0.1797	0.2813	0.4344	0.0000	0.0000	0.0000	<i>1,0001</i>
Asia, South-West												
Saudi Arabia (Riyadh)	(44)	142	0.0000	0.1440	0.0110	0.2710	0.2610	0.3060	0.0070	0.0000	0.0000	<i>1,0000</i>
Yemen	(34)	100	0.0000	0.1400	0.0450	0.2100	0.3200	0.2800	0.0050	0.0000	0.0000	<i>1,0000</i>
Asia, Far East												
China (pooled)		448	0.0000	0.0000	0.0011	0.0737	0.2321	0.6863	0.0067	0.0000	0.0000	<i>0,9999</i>
China (North-East, Shenyang)	(43)	98	0.0000	0.0000	0.0050	0.0820	0.2500	0.6630	0.0000	0.0000	0.0000	<i>1,0000</i>
China (Han from the Chen Yong area)	(39)	100	0.0000	0.0000	0.0000	0.0800	0.2250	0.6900	0.0050	0.0000	0.0000	<i>1,0000</i>
China (Xiangxi, Tujia)	(46)	50	0.0000	0.0000	0.0000	0.0400	0.2400	0.7200	0.0000	0.0000	0.0000	<i>1,0000</i>
China (Xiangxi, Miao)	(46)	50	0.0000	0.0000	0.0000	0.1000	0.2400	0.6500	0.0100	0.0000	0.0000	<i>1,0000</i>
China (Xiangxi, Bai)	(46)	50	0.0000	0.0000	0.0000	0.0700	0.2500	0.6700	0.0100	0.0000	0.0000	<i>1,0000</i>
China (Shenyang, Chaoxian)	(46)	50	0.0000	0.0000	0.0000	0.0400	0.2300	0.7300	0.0000	0.0000	0.0000	<i>1,0000</i>
China (Shenyang, Han)	(46)	50	0.0000	0.0000	0.0000	0.0900	0.1800	0.7000	0.0300	0.0000	0.0000	<i>1,0000</i>
Japan (pooled)		760	0.0000	0.0000	0.0028	0.0611	0.1914	0.7419	0.0025	0.0000	0.0000	<i>0,9997</i>
Japan	(13)	357	0.0000	0.0000	0.0030	0.0640	0.2030	0.7250	0.0040	0.0000	0.0000	<i>0,9990</i>
Japan (North-East, Sendai)	(43)	116	0.0000	0.0000	0.0000	0.0780	0.1940	0.7280	0.0000	0.0000	0.0000	<i>1,0000</i>
Japan (Shiga area)	(39)	137	0.0000	0.0000	0.0040	0.0550	0.1460	0.7960	0.0000	0.0000	0.0000	<i>1,0010</i>
Japan (Tokyo)	(14)	150	0.0000	0.0000	0.0033	0.0468	0.2033	0.7433	0.0033	0.0000	0.0000	<i>1,0000</i>
Korea (South)	(49)	510	0.0000	0.0000	0.0000	0.1130	0.1730	0.7130	0.0020	0.0000	0.0000	<i>1,0010</i>
Taiwan	(16)	100	0.0000	0.0050	0.0000	0.0450	0.2250	0.7250	0.0000	0.0000	0.0000	<i>1,0000</i>

Thailand (North, districts of Chiangdao, Chomtong, Maewang, Prao, Chiang Mai province)	(29)	127	0.0000	0.0120	0.0040	0.1040	0.2280	0.6440	0.0040	0.0000	0.0040	1,0000
Asia: Indian Subcontinent												
India (South, Tamil Nadu)	(53)	120	0.0000	0.0708	0.0250	0.2167	0.2500	0.4333	0.0042	0.0000	0.0000	1,0000
Oceania: Australia, Polynesia, Melanesia												
Australia (Aborigines, Adelaide area)	(39)	82	0.0000	0.0060	0.0180	0.1100	0.2740	0.5920	0.0000	0.0000	0.0000	1,0000
Papua-New Guinea (Papuan, eastern Highlanders)	(39)	101	0.0000	0.0000	0.0000	0.0340	0.2140	0.7520	0.0000	0.0000	0.0000	1,0000
Africa												
Morocco (Moroccans living in Brussels)	(39)	135	0.0000	0.2550	0.0280	0.3110	0.1750	0.2270	0.0040	0.0000	0.0000	1,0000
Namibia (Ovambos, South-West Bantu group)	(39)	105	0.0000	0.3990	0.1180	0.0450	0.3870	0.0500	0.0000	0.0000	0.0000	0,9990
Uganda (Bantu group)	(39)	77	0.0000	0.3750	0.1740	0.0980	0.2720	0.0760	0.0050	0.0000	0.0000	1,0000

References

- (1) Klintschar, M., Crevenna, R. (1996) Validation of the STR system FXIIB for forensic purposes in an Austrian population sample. *Forens. Sci. Int.* 81: 35-42
- (2) Neuhuber, F., Radacher, M., Krasa, B. (1996) F13B and CD4 allele frequencies in an Austrian population sample. *Int. J. Legal Med.* 108: 227-228
- (3) Augustin, C., Sanchez-Hanke, M., Püschel, K. (1996) Allele frequency distributions of three STR-loci in a population of Northern Germany. *Adv. Forens. Haemogenet.* 6: 498-500
- (4) Edelmann, J. (1996) Untersuchungen zum STR-System HumF13B in Sachsen. *Kriminalistik und forensische Wissenschaften* 85: 25-31
- (5) Huckenbeck, W., Scheil, H.-G., West, S., Demir, K., Kanja, J., Kaiser, A., Hees, V., Meyer, W., Scholten, D., Stancu, V., Bronczek, M., Bonte, W. (1996) German data on the PCR based loci HumVWA31, HumTH01, HumFES/FPS, HumF13B and D1S80. *Adv. Forens. Haemogenet.* 6: 549-551
- (6) Basler, M., Rink, M. (1997) Effizienz einiger PCR-Systeme für die Identitäts- und Abstammungsbegutachtung. 6. Frühjahrstagung - Region Nord - der Deutschen Gesellschaft für Rechtsmedizin. Poster presentation, Berlin
- (7) Alper, B., Meyer, E., Schürenkamp, M., Brinkmann, B. (1995) HumFES/FPS and HumF13B: Turkish and German population data. *Int. J. Legal Med.* 108: 93-95
- (8) Füredi, S., Woller, J., Pádár, Z. (1997) A population study of the STR loci HumLPL, HumF13B and HumF13A01 in Hungary. *Int. J. Legal Med.* 110: 107-108
- (9) Piccinini, A., Rand, S., Brinkmann, B. (1996) The allelic distribution of 5 STR systems in a North Italian population. *Adv. Forens. Haemogenet.* 6: 598-600
- (10) Martín, P., Alonso, A., Budowle, B., Albarrán, C., García, O., Sancho, M. (1996) Spanish population data on 13 PCR-based systems. *Adv. Forens. Haemogenet.* 6: 578-580
- (11) Dimo-Simonin, N., Grange, F., Brandt-Casadevall, C. (1997) F13B and CD4 allele frequencies in South West Switzerland. *Int. J. Legal Med.* 110: 109

- (12) **Promega Corp.** (1996) Technical Manual Gene Print™ STR systems
- (13) **Nagai, A., Yamada, S., Watanabe, Y., Bunai, Y., Ohya, I.** (1996) Japanese population data on six STR loci. *Adv. Forens. Haemogenet.* 6: 587-588
- (14) **Nakamura, S., Sawaguchi, T., Sawaguchi, A.** (1996) Forensic application of STR polymorphic markers. *Adv. Forens. Haemogenet.* 6: 589-591
- (15) **Iwasa, M., Wiegand, P., Rand, S., Schürenkamp, M., Atasoy, S., Brinkmann B.** (1997) Genetic variation at five STR loci in subpopulations living in Turkey. *Int. J. Legal. Med.* 110: 170-172
- (16) **Lee, J. C.-I., Chen, C.H., Tsai, L.-C., Linacre, A., Chang, J.G.** (1997) The screening of 13 short tandem repeat loci in the Chinese population. *Forens. Sci. Int.* 87: 137-144
- (17) **García, O., Martin, P., Budowle, B., Uriarte, J., Albarran, C., Alonso, A.** (1998) Basque Country autochthonous population data on 7 short tandem repeat loci. *Int. J. Legal Med.* 111: 162-164
- (18) **Madea, B., Junge, A.** (1998) Institut für Rechtsmedizin, Bonn, personal communication
- (19) **Weisser, H.-J., Lutz, S.** (1998) Institut für Rechtsmedizin, Freiburg, personal communication
- (20) **Meyer, E., Hädrich, C., Hendreich, F.-I.** (1998) Institut für Rechtsmedizin, Jena, personal communication
- (21) **Szabo, A., Schürenkamp, M., Hühne, J.** (1998) Hungarian population data for six STR loci. *Int. J. Legal Med.* 111: 49-51
- (22) **Cremer, U., Scheil, H.-G., Schiwy-Bochat, K.-H., Schürfeld, K., Althoff, H.** (1998): Populationsgenetische Studie der PCR-VNTR-Systeme TH01, FES, F13B und CD4. Poster presentation at the 77. Jahrestagung Dtsch. Ges. Rechtsmed. Hannover, 15.-19.09.1998
- (23) **Bulnheim, U., Hammer, U., Wegener, R., Meissner, D., Karstädt, G.** (1998) Institut für Rechtsmedizin, Rostock, personal communication
- (24) **Luckenbach, C.** (1998) Institut für Anthropologie und Humangenetik, Tübingen, personal communication
- (25) **Kubat, M., Furac, I., Strinovic, D., Zecevic, D.** (1997) Short tandem repeat polymorphism at the HUMCD4 and HUMF13B loci in a Croatian population. *Int. J. Legal med.* 110: 230-231
- (26) **Martin, W., Muche, M.** (1998) Institut für Blutgruppenserologie und Genetik, Hamburg, personal communication
- (27) **Pawlowski, R.** (1998) Institute of Forensic Medicine, Gdansk, personal communication
- (28) **Janica, J., Pepinski, W., Skawronska, M., Berent, J.A.** (1997) The STR systems FES/FPS and F13B in a Polish population. *Int. J. Legal Med.* 110: 329-330
- (29) **Horst, B., Eigel, A., Sanguanserm Sri, T., Rolf, B.** (1997) Analysis of the short tandem repeat systems HumVWA and HumF13B in a population sample from northern Thailand. *Int. J. Legal Med.* 110: 235-237
- (30) **Miscicka-Sliwka, Czarny, J., Grzybowski, T., Wozniak, M.** (1998) Population genetics of 14 STRs: vWA, TH01, TPOX, CSF1PO, D5S818, D13S317, D7S820, D16S539, F13A01, FESFPS, F13B, LPL, D3S1358 and FGA in the Pomerania-Kujawy region of Poland. *Progr. Forensic Genet.* 7: 261-263
- (31) **Domenici, R., Bibbiani, R., Fornaciari, S., Nardone, M., Rocchi, A., Spinetti, I., Bargagna, M.** (1998) Allele frequencies distribution of three STRs loci (CD4, CSF1PO, F13B) in Tuscany (Italy). *Progr. Forensic Genet.* 7: 272-274
- (32) **García, O., Martin, P., Uriarte, J., Albarrán, C., Alonso, A.** (1998) Allele frequency distribution of 7 STR loci in the Basque country autochthonous population. *Progr. Forensic Genet.* 7: 282-284
- (33) **Glock, B., Schwartz, D.W.M., Dauber, E.M., Schwartz-Jungl, E.M., Mayr, W.R.** (1998) Austrian population data on the polymorphic STR loci DYS19 and HUMF13B. *Progr. Forensic Genet.* 7: 291-293
- (34) **Klitschar, M., Al Hammadi, N.** (1998) A study on five short tandem repeat systems in a Yemenian population sample. *Progr. Forensic Genet.* 7: 300-302
- (35) **Lurdes Pontes, M., Pinheiro, M.F., Huguet, E., Gené, M., Pinto da Costa, J.** (1998) Automated typing of 4 tetrameric STR: a North of Portugal database. *Progr. Forensic Genet.* 7: 335-337
- (36) **Degenhartt, S., Leim, K., Clerici, S., Reichert, W., Mattern, R.** (1998) Studies on 7 autosomal and 5 Y-chromosomal STR loci in a South-West German population. *Progr. Forensic Genet.* 7: 527-530

- (37) **Cerri, N., Decarli, A., Zorzi, F., De Ferrari, F.** (1998) A statistical analysis by means linear model on Italian STRs population data. *Progr. Forensic Genet.* 7: 559-561
- (38) **Cossutta, F., Perossa, R., Frassanito, F., Altamura, B.M., Fattorini, P.** (2000) Population genetics of fourteen STR loci in North-East Italy. *Progr. Forensic Genet.* 8: 178-180
- (39) **Brinkmann, B., Junge, A., Meyer, E., Wiegand, P.** (1998) Population genetic diversity in relation to microsatellite heterogeneity. *Hum. Mutation* 11: 135-144
- (40) **Füredi, S., Kozma, Z., Woller, J., Pádár, Z., Angyal, M., Bajnóczky, I., Nishi, K.** (1998) Population genetic data on four STR loci in a Hungarian Romany population. *Int. J. Legal Med.* 112: 72-74
- (41) **Garofano, L., Pizzamiglio, M., Vecchio, C., Lago, G., Floris, T., D'Errico, G., Brembilla, G., Romano, A., Budowle, B.** (1998) Italian population data on thirteen short tandem repeat loci: HUMTH01, D21S11, D18S51, HUMVWFA31, HUMFIBRA, D8S1179, HUMTPOX, HUMCSF1PO, D16S539, D7S820, D13S317, D5S818, D3S1358. *Forensic Sci. Int.* 97: 53-60
- (42) **Koziol, P., Czerski, T., Madro, R.** (1999) Population genetic data for HumF13B, HumLPL and HumHPRTB in southeast Poland. *Int. J. Legal Med.* 113: 55-57
- (43) **Nata, M., Kimura, T., Hashiyada, M., He, P., Yan, W., Li, X., Funayama, M., Sagisaka, K.** (1999) Allele frequencies of eight STRs in Japanese and Chinese. *Int. J. Legal Med.* 112: 396-399
- (44) **Sinha, S., Amjad, M., Rogers, C., Hamby, J.E., Tahir, U.A., Balamurugan, K., Al-Kubaidan, N.A., Choudhry, A.R., Budowle, B., Tahir, M.A.** (1999) Typing of eight short tandem repeat (STR) loci in a Saudi Arabian population. *Forensic Sci. Int.* 104: 143-146
- (45) **Yunis, J.J., Garcia, O., Uriarte, I., Yunis, E.J.** (2001) Population data on D16S539, D7S820, D13S317, LPL, F13B and D1S80 loci in a sample of Caucasian-Mestizos from Colombia. *Forensic Sci. Int.* 115: 117-118
- (46) **Lin, Z., Ohshima, T., Gao, S., Kondo, T., Takayasu, T., Sato, Y., Sun, K.** (2000) Genetic variation and relationships at five STR loci in five distinct ethnic groups in China. *Forensic Sci. Int.* 112: 179-189
- (47) **Touret, N., Lopez camelo, J., Vidal-Rioja, L.** (1999) Allele frequencies of six STR loci in Argentine populations. *J. Forensic Sci.* 44(6): 1265-1269
- (48) **Barros de Castro, I.A., Rinzler, C.M.C., Rumjanek, F.D.** (2000) Allele Frequency Distributions for Twelve STR Loci in a Brazilian Population. *J. Forensic Sci.* 45:941
- (49) **Han, M.S., Kang, P.W., Choi, D.H., Lee, Y.H., Choi, S.K., Kim, W.** (2001) Genetic variation at eight STR loci in the Korean population. *Forensic Sci. Int.* 116: 35-36
- (50) **Janica, J., Pepinski, W., Skawronska, M., Berent, J.A.** (1997) The STR systems FES/FPS and F13B in a Polish population. *Int. J. Legal Med.* 110: 329-330
- (51) **Mauricio da Silva, L., Silva, R.S., Dellalibera, E., Donadi, E.A.** (2000) Population genetics of HPRTB, F13B, and LPL in Pernambuco, Northeast Brazil. *J. Forensic Sci.* 45: 684-686
- (52) **Miscicka-Sliwka, D., Czarny, J., Grzybowski, T., Wozniak, M.** (2001) Population genetics of the STRs vWA, TH01, TPOX, CSF1PO, D5S818, D13S317, D7S820, D16S539, LPL, F13B, FESFPS, F13A01 and ACTBP2 in the Pomerania-Kujawy region of Poland. *Forensic Sci. Int.* 119: 119-122
- (53) **Panneerchelvam, S., Vanaja, N., Baskar, D., Sivapriya, V., Damodaran, C.** (2001) Distribution of alleles of 12 STR loci in Tamil population (South India). *Forensic Sci. Int.* 119: 126-128
- (54) **Instituto Nacional de Toxicologia, Departamento de Madrid (Spain).** Cited from Database of Nuclear DNA / gep-isfh
- (55) **Fernandez-Fernandez, I., Castro, A., Bujan, M., Cuevas, N., Garcia-Orad, A., de Pancorbo, M.** (2000) Population frequency distribution of HumF13A01, Hum FXIIB and HumLIPOL in the Basque Country (Northern Spain). *J. Forensic Sci.* 45: 1083-1086
- (56) **Promega Corp.** (2002) Genetic identity reference information. Population statistics. <http://www.promega.com>