

FOR THE RECORD

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DNA Short Tandem Repeat Profiling of Morocco

POPULATION: Morocco ($n = 186$)

KEYWORDS: forensic science, DNA typing, population genetics, Moroccan population, D3S1358, TH01, D21S11, D18S51, PENTA E, D5S818, D13S317, D7S820, D16S539, CSF1PO, Penta D, vWA, D8S1179, TPOX, FGA

Blood samples were randomly collected on 186 unrelated males coming from all regions of Morocco. DNA was extracted using a Nucleon extraction kit (Amersham Life Science) and was genotyped with the Powerplex 16 kit (Promega) containing markers D3S1358, TH01, D21S11, D18S51, Penta E, D5S818, D13S317,

D7S820, D16S539, CSF1PO, Penta D, vWA, D8S1179, TPOX, and FGA. Profiles were analyzed on a ABI 3100 sequencer (Applied Biosystem, Inc).

Data are available upon request at: ipmoisan@sante.univ-nantes.fr

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TABLE 1—DNA STR profiling of Morocco.

Allele	D3S1358	TH01	D21S11	D18S51	Penta E	D5S818	D13S317	D7S820	D16S539	CSF1P0	Penta D	vWA	D8S1179	TPOX	FGA
2.2	0.035	...	...	...	...
3.2	0.003	...	...	...	...
5	0.03	...	...	...	...	...	0.005	...	...	...	...
6	...	0.161	...	...	...	...	...	...	...	...	...	...	...	0.003	...
7	...	0.239	...	...	0.129	...	...	0.008	...	0.011	0.003	...	...	0.0013	...
8	...	0.164	...	...	0.03	0.043	0.078	0.099	0.019	0.011	0.03	...	0.013	0.446	...
9	...	0.277	...	...	0.035	0.03	0.035	0.132	0.118	0.03	0.148	...	0.011	0.145	...
9.3	...	0.124	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	0.035	...	0.003	0.108	0.054	0.056	0.322	0.094	0.309	0.169	...	0.059	0.081	...
10.2
11	0.013	0.212	0.247	0.29	0.282	0.285	0.304	0.218	0.003	0.105	0.29	...
12	0.161	0.151	0.401	0.376	0.14	0.277	0.277	0.132	...	0.105	0.022	...
13	0.003	...	...	0.145	0.099	0.218	0.129	0.013	0.183	0.056	0.177	0.013	0.212	...	...
13.2
13.3
14	0.073	...	...	0.145	0.038	0.008	0.035	0.005	0.024	0.003	0.051	0.11	0.255	...	...
14.2	0.003	...	...	...	...	...	...	...	...	...	...	...
15	0.263	...	...	0.099	0.04	...	...	...	...	...	0.024	0.185	0.204	...	0.003
16	0.255	...	...	0.169	0.032	...	...	...	...	...	0.005	0.245	0.032	...	...
17	0.25	...	...	0.105	0.03	...	...	...	...	...	...	0.234	0.003	...	...
18	0.145	...	...	0.051	0.027	...	...	...	...	...	...	0.121	...	...	0.003
18.2	0.005
19	0.011	...	...	0.046	0.022	...	...	...	...	...	...	0.065	...	...	0.043
19.2	0.005
20	0.046	0.008	...	...	...	...	...	...	0.022	...	...	0.108
20.2
21	0.008	0.005	...	...	...	...	...	...	0.003	...	...	0.156
21.2	0.003
22	0.003	0.003	...	...	...	...	...	...	...	...	...	0.151
22.2	0.003
23	0.003	0.003	...	...	...	...	...	...	...	...	...	0.255
23.2
24	0.134
24.2	0.003	...	...	...	...	...	...	...	...	...	...	...	...
25	0.075
25.2
26	0.038
27	0.027	...	...	...	...	...	...	...	...	...	...	...	0.016
28	0.011	...	...	...	...	...	...	...	...	...	...	...	...
28.2	0.003	...	...	...	...	...	...	...	...	...	...	...	...
29	0.277	...	...	...	...	...	...	...	...	...	...	...	0.003
29.2
30	0.272	...	...	...	...	...	...	...	...	...	...	...	...
30.2	0.019	...	...	...	...	...	...	...	...	...	...	...	...
31	0.027	...	...	...	...	...	...	...	...	...	...	...	...
31.2	0.078	...	...	...	...	...	...	...	...	...	...	...	...
32	0.005	...	...	...	...	...	...	...	...	...	...	...	...
32.2	0.097	...	...	...	...	...	...	...	...	...	...	...	...
33
33.2	0.056	...	...	...	...	...	...	...	...	...	...	...	...
34
34.2	0.008	...	...	...	...	...	...	...	...	...	...	...	...
35	0.011	...	...	...	...	...	...	...	...	...	...	...	...
35.1	0.003	...	...	...	...	...	...	...	...	...	...	...	...
35.2
36	0.003	...	...	...	...	...	...	...	...	...	...	...	...
37	0.003	...	...	...	...	...	...	...	...	...	...	...	...
38
Observed Homozygosity (%)	25.8	23.1	24.2	16.1	20.4	32.3	33.3	25.8	21.0	33.3	15.6	17.2	19.4	35.5	18.3
Expected Homozygosity (%)	22.318	20.327	17.154	12.446	11.516	27.506	25.379	23.029	21.514	26.891	15.211	18.064	26.891	31.126	15.105