

FOR THE RECORD

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D1S80 Polymorphism in Istanbul (Turkey)

POPULATION: Istanbul, Turkey

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Blood samples were obtained from 78 randomly selected, healthy, unrelated individuals from both sexes and were examined in order to estimate the allele and genotype frequencies of D1S80 locus. DNA was extracted using Chelex 100 extraction method (1). The amplification was carried out according to the instructions of AmpliFLP D1S80 PCR amplification kit (2). The PCR products were analyzed using a vertical denaturing polyacrylamide gel electrophoresis. The gels were silver stained. The statistical analysis was done by the gene count method and it revealed no significant deviation from Hardy-Weinberg expectations. The complete data including the comparison with various Turkish and different populations (3) is available at <http://istanbul.edu.tr/enstituler/forensic/popgen-02.htm>

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References

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TABLE 1—Observed allele frequencies in the population of Istanbul (78 individuals).

Allele	Frequency
14	
15	
16	
17	0.013
18	0.218
19	0.032
20	0.051
21	0.019
22	0.051
23	0.007
24	0.346
25	0.026
26	0.013
27	0.013
28	0.045
29	0.032
30	0.013
31	0.070
32	0.019
33	
34	0.013
35	
36	0.013
37	0.007
38	
39	
40	
41	
χ^2	15.529

Observed homozygosity = 0.167, Power of exclusion = 0.4450, Probability of match = 0.0599, Power of discrimination = 0.94.