

For the Record

Distribution of Alleles D16S539, D7S820, D13S317 in a Southern Italian Population Sample

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Population: Southern Italian (from Apulia); $N = 60$ for D16S539,
60 for D7S820, 60 for D13S317

Keywords: forensic science, DNA typing, population genetics,
Italy

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Blood samples were obtained from selected and unrelated individuals. DNA was extracted with the standard Chelex[®] 100 (Bio-Rad, CA) extraction procedure (1); DNA samples were amplified in a DNA Thermal Cycler 480 (Perkin Elmer Cetus, NJ) using 10 ng of template DNA.

Alleles were classified according to the recommendations of the ISFH (2); Data were analyzed for the Hardy Weinberg Expectation by calculation of the expected homozygote/heterozygote frequencies, the likelihood ratio test and the χ^2 test.

The dataset can be accessed at <http://www.dimimp.uniba.it/medlegal/emogen/freq.htm>

References

- Walsh PS, Metzger DA, Higuchi R. Chelex 100 as a medium for simple extraction of DNA for PCR-based typing from forensic material. *Biotechniques* 1991;10:506-13.
- DNA recommendations report concerning further recommendations of the DNA Commission of the ISFH regarding PCR-based polymorphism in STR (short tandem repeat) system. *Int J Legal Med* 1994;107:159-60.

Allele	D16S539	D7S820	D13S317
5	0.000		
6		0.000	
7		0.033	0.000
8	0.016	0.225	0.116
9	0.133	0.108	0.116
10	0.041	0.233	0.066
11	0.325	0.191	0.275
12	0.250	0.175	0.308
13	0.183	0.016	0.083
14	0.050	0.016	0.025
15	0.000		0.008