

FOR THE RECORD

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Distribution of DYS391, DYS392, DYS393, DYS385, Alleles in a Southern Italian Population Sample

POPULATION: Southern Italian (from Apulia); $N = 73$

KEYWORDS: forensic science, Y short tandem repeats, population genetics, DYS385, DYS391, DYS392, DYS393, southern Italy

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 by according to the recommendations of the ISFH (2); Gene or haplotype diversity was calculated according to the formula $D = 1 - \sum x_i^2$ with x_i being the frequency x of the each aptotype or allele.

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

References

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TABLE 1—Alleles in a Southern Italian Population Sample.

Allele	DYS391	DYS392	DYS393	DYS385
9	0.136			
10	0.589	0.013		0.006
11	0.219	0.575		0.178
<12			0.013	
12	0.013	0.301	0.356	
13		0.095	0.506	0.157
14		0.013	0.243	0.246
15				0.130
16				0.109
17				0.095
18				0.068
19				0.006

Additional Information and Reprint Requests:

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