

## FOR THE RECORD

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# Population Data of the STRs D2S1338 and D19S433 from Northeast of Spain

**POPULATION:** Unrelated individuals ( $n = 183$ ) living in Northeast of Spain.

**KEYWORDS:** forensic science, DNA typing, population genetics, short tandem repeats, polymerase chain reaction, D2S1338, D19S433; North-east Spain population

Whole blood was obtained from 183 healthy donors. The DNA was extracted following the phenol-chloroform method (1).

The extracted DNA was quantified using ethidium bromide stained agarose yield gels and the Quantiblot Human DNA Quantitation Kit (Applied Biosystems, Foster City, CA). Amplification was performed using the AmpF $\ell$ STR Identifiler™ kit (Applied Biosystems, Foster City, CA) following the manufacturer's recommended protocol. The amplified products were separated and detected using the ABI Prism 310 DNA sequencer (Applied Biosystems Foster City, CA), and the data were analyzed using the computer programs GENEPOP version 3.3 (2) and Powerstats version 1.2 (3). The allele frequencies are shown in Table 1.

The dataset can be accessed at <http://dnapop.en.telepolis.com/index.htm>

## References

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TABLE 1—Allele frequencies for loci D2S1338 and D19S433 in a population from Northeast Spain ( $N = 183$ ).

Allele	D2S1338	D19S433
10		0.003
11		0.003
12		0.098
13		0.260
13.2		0.019
14		0.342
14.2		0.025
15		0.139
15.2		0.046
16	0.044	0.036
16.2		0.022
17	0.268	0.003
18	0.074	
18.2		0.005
19	0.126	
20	0.104	
21	0.044	
22	0.016	
23	0.096	
24	0.117	
25	0.090	
26	0.019	
27	0.003	
Hob	0.852	0.825
Hex	0.871	0.781
PD	0.962	0.916
PIC	0.850	0.750
CE	0.700	0.646
P	0.313	0.262

Hob: observed homozygosity; Hex: expected heterozygosity; PD: power of discrimination; PIC: polymorphic information content; CE: a priori chance of exclusion; P: Hardy-Weinberg equilibrium, exact test based on 800 batches, with 1000 interactions per batch (S.E. < 0.01).