

FOR THE RECORD

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Two X-Chromosome STR Loci DXS6807 and DXS7133 Frequency Data in Chinese Population

POPULATION: Chinese

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Blood samples were collected from unrelated individuals of Chinese Han ethnic group in Chengdu of China. DNA was extracted using Chelex method (1). PCR amplification conditions can be accessed at <http://www.legalmed.org/dna/DXS6807.htm>. The volume of PCR reaction for each locus was 37.5 μ L. The PCR products were analyzed by horizontal non-denaturing polyacrylamide gel electrophoresis with discontinuous buffer system and visualized by silver staining (2). Data of female population genetics and forensic science were analyzed using POWERSTATS program (3).

The complete data can be accessed at <http://www.legalmed.org/dna/DXS6807.htm>.

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TABLE 1—Allele frequencies of 2 X-STR loci in Chinese population.

Allele	DXS6807		DXS7133	
	Male (N = 83)	Female (N = 80)	Male (N = 83)	Female (N = 80)
6			0.0723	0.0250
7			0.0482	0.0310
8	0.2410	0.2970	0.1325	0.0440
9	0.1325	0.0440	0.4578	0.6380
10	0.0482	0.0250	0.2048	0.1880
11	0.3373	0.3920	0.0843	0.0750
12	0.2048	0.1770	...	
13	0.0361	0.0630	...	
PD	...	0.869	...	0.721
PE	...	0.270	...	0.130
Pm	...	0.131	...	0.279

PD: Power of Discrimination, PE: Power of Exclusion, Pm: probability of match.

Additional information and reprint requests:

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