J Forensic Sci, July 2005, Vol. 50, No. 4
Paper ID JFS2005071
Published 25 May 2005
Available online at: www.astm.org

FOR THE RECORD

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Allele Frequencies for Three STR Loci D1S3465, D6S2433 and D10S2481 in Chinese Population

POPULATION: Chinese Han

KEYWORDS: forensic science, DNA typing, short tandem repeats, polymerase chain reaction, population genetics, D1S3465, D6S2433, D10S2481, Sichuan, China

TABLE 1—*Allele frequencies of three STR loci in Chinese population.*

Allele	D1S3465 ($N = 142$)	D6S2433 ($N = 143$)	D10S2481 ($N = 102$)
8			0.0049
9		0.0035	0.0343
10	0.007	0.028	0.2892
11	0.0035	0.493	0.4902
12	0.0739	0.2692	0.1471
13	0.2535	0.1853	0.0294
14	0.338	0.021	
15	0.257		0.0049
16	0.0599		
17	0.007		
PIC	0.70	0.59	0.60
DP	0.891	0.807	0.824
Pm	0.109	0.193	0.176
CE	0.469	0.406	0.313
H	0.725	0.685	0.618

N: Sample size; PIC: polymorphism information content; DP: power of discrimination; Pm: probability of match; CE: probability of paternity exclusion; H: observed heterozygosity.

Blood samples were collected from unrelated individuals of Chinese Han ethnic group in Sichuan of China. DNA was extracted using Chelex method (1). PCR amplification conditions can be accessed at http://www.legalmed.org/dna/d1s3465.htm. The amplified products were analyzed by ABI PRISM 310 Genetic Analyzer (Applied Biosystems, Foster City, CA). Each allele of every locus was sequenced on an ABI PRISM 310 Genetic Analyzer using a Big Dye Terminator Cycle Sequencing Kit (v1.1) (Applied Biosystems, Foster City, CA). Aelles were classified according to the recommendations of the ISFH (2). Data were analyzed using POWERSTATS program (3). The genotype distribution was analyzed for Hardy-Weinberg equilibrium according to Hou's method (4) and no deviation from Hardy-Weinberg equilibrium was observed.

The dataset can be accessed at http://www.legalmed.org/dna/d1s3465.htm.

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