

FOR THE RECORD

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Gene Frequencies for Two Y-Chromosomal STR Loci in Chinese Population

POPULATION: Chinese

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Blood samples were collected from unrelated males of 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/DYS442> and [DYS446.htm](http://www.legalmed.org/dna/DYS446). The PCR reaction volume 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 population genetics and forensic science were analyzed according to Hou's method (3). The complete dataset can be accessed at <http://www.legalmed.org/dna/DYS442> and [DYS446.htm](http://www.legalmed.org/dna/DYS446).

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TABLE 1—Allele frequencies and gene diversity of DYS442.

Allele	Frequency (<i>N</i> = 120)	Gene Diversity	SE
7	0.0167		
8	0.0833		
9	0.1333	0.6867	0.01527
10	0.3750		
11	0.3917		

TABLE 2—Allele frequencies and gene diversity of DYS446.

Allele	Frequency (<i>N</i> = 120)	Gene Diversity	SE
12	0.075		
13	0.175		
14	0.383		
15	0.250	0.7552	0.01579
16	0.058		
18	0.042		
20	0.017		

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Additional information and reprint requests:

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