

FOR THE RECORD

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Allele Frequencies of Y-GTAT-1A1 STR Locus in Chinese Population

Population: Chinese

Keywords: forensic science, DNA typing, population genetics, Sichuan, China

Blood samples were collected from unrelated individuals of Han ethnic group in Chengdu of China. DNA was extracted using Chelex method (1). PCR amplification were performed in accordance with literature (2). 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 (3). Data of population genetics and forensic science were analyzed according to Nei's method (4).

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The complete data can be accessed at:<http://www.legalmed.org/dna/ygtat1a1.htm>.

Allele	Frequencies (N=105)	Gene Diversity	SE
11	0.0381	0.382	0.0762
12	0.7619		
13	0.200		

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