

## FOR THE RECORD

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# Genetic Data at Two Short Tandem Repeat Loci D9S304 and D10S2325 in Two Chinese Populations (Han and Zhuang Populations)

**POPULATION:** Han-Chinese, Zhuang-Chinese

**KEYWORDS:** forensic science, DNA typing, population genetics, short tandem repeat, polymerase chain reaction, D9S304, D10S2325, Chinese population

Bloodstains of 200 unrelated Han population individuals living in southern China, 100 unrelated Zhuang population individuals from Guangxi were prepared on sterilized filter and subsequently air dried. DNA was obtained from bloodstain specimens using Chelex 100 (3). PCR amplification was performed using primers labeled with fluorescent dye (2,3). The amplified products were separated and detected using ABI Prism 310 sequencer (PE-Biosystems, Foster City, CA). The data were analyzed as published previously (4–6).

The complete dataset is available to any interested researcher upon request.

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TABLE 1—*The allele frequencies of Han and Zhang populations at D9S304.*

Allele	Frequencies of Allele at D9S304 Locus		Frequencies of Allele at D10S2325 Locus	
	Han Population	Zhang Population	Han Population	Zhang Population
3	0.0049	0.000		
5	0.0735	0.030	0.0150	0.0100
6	0.0392	0.065	0.3450	0.2950
7	0.2059	0.250	0.0500	0.0150
8	0.0637	0.06	0.0650	0.1050
9	0.0784	0.095	0.0750	0.1800
10	0.1422	0.150	0.1900	0.1500
11	0.1961	0.195	0.1000	0.1150
12	0.1471	0.115	0.1100	0.0850
13	0.0343	0.035	0.0200	0.0400
14	0.0147	0.005	0.0300	0.0050
15			0.0000	0.0100

TABLE 2—*The polymorphic information of Han population at D9S304 and D10S2325 loci.*

Locus		H <sub>obs</sub>	H <sub>exp</sub>	DP	PE	PIC	$\chi^2$ Test
D9S304	Han population	0.8900	0.8630	0.9541	0.8430	0.7172	52.315
	Zhang population	0.7500	0.8503	0.9508	0.8284	0.6556	23.560
D10S2325	Han population	0.7600	0.8130	0.9288	0.7882	0.6412	59.491
	Zhang population	0.7600	0.8304	0.9462	0.8056	0.6166	58.341