

For the Record

Han Chinese Population Data in Chongqing China for Nine STR Loci

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Population: Han Chinese in Chongqing, N=200

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Specimens were collected from unrelated volunteer blood donors. DNA was obtained from blood specimens using chelex 100 method (1). DNA typing by PCR, using 2 ng DNA template. The amplified products were electrophoresed on a capillary tube and then visualized on an automated ABI 310 Gene analyzer (2). Data were analyzed by The Promega Software, POWERSTATS.

References

- Walsh PS, Metzger DA, Higuchi R. Chelex 100 as a medium for simple extraction of DNA for PCR-based typing from forensic materials. *Bio Techniques* 1991;110:506-13
- AMPFL STR PROFILER Amplification Kit User's Manual.

Allele	CSF1PO	D5S818	D13S317	D7S820	D13S1358	VWA	THO1	TPOX	FGA
5	—	—	—	—	—	—	0.005	—	—
6	—	—	—	—	—	—	0.0975	—	—
7	0.015	0.0375	—	—	—	—	0.26	—	—
8	0	0	0.315	0.1975	—	—	0.0475	0.5275	—
9	0.0375	0.105	0.1475	0.0775	—	—	0.5375	0.1150	—
9.3	—	—	—	—	—	—	0.04	—	—
10	0.1475	0.195	0.1425	0.115	—	—	0.0125	0.0125	—
11	0.24	0.3125	0.2225	0.405	—	—	—	0.3075	—
12	0.45	0.20	0.135	0.16	—	—	—	0.0375	—
13	0.0825	0.13	0.0325	0.03	0.01	—	—	—	—
14	0.0275	0.02	0.005	0.0015	0.07	0.2475	—	—	—
15	—	—	—	—	0.39	0.0275	—	—	—
16	—	—	—	—	0.285	0.165	—	—	—
17	—	—	—	—	0.1875	0.2475	—	—	—
18	—	—	—	—	0.0575	0.2175	—	—	0.0025
19	—	—	—	—	—	0.0725	—	—	0.04
19.2	—	—	—	—	—	—	—	—	0.0075
20	—	—	—	—	—	0.0225	—	—	0.07
20.2	—	—	—	—	—	—	—	—	0.0125
21	—	—	—	—	—	—	—	—	0.125
22	—	—	—	—	—	—	—	—	0.1575
22.2	—	—	—	—	—	—	—	—	0.0325
23	—	—	—	—	—	—	—	—	0.165
23.2	—	—	—	—	—	—	—	—	0.03
24	—	—	—	—	—	—	—	—	0.14
24.2	—	—	—	—	—	—	—	—	0.01
25	—	—	—	—	—	—	—	—	0.1025
25.2	—	—	—	—	—	—	—	—	0.0075
26	—	—	—	—	—	—	—	—	0.0675
27	—	—	—	—	—	—	—	—	0.0275
28	—	—	—	—	—	—	—	—	0.0025
PIC	0.6762	0.7771	0.7855	0.7418	0.6911	0.7867	0.6261	0.6074	0.8870
PEP	0.4967	0.6163	0.6433	0.6032	0.5019	0.6516	0.4806	0.4103	0.8010
H	0.7107	0.7966	0.7919	0.7568	0.7250	0.7984	0.6315	0.6139	0.8903
DP	0.8780	0.9217	0.9140	0.8988	0.8614	0.9220	0.8009	0.7735	0.9750

Based on χ^2 test, the nine loci meet Hardy-Weinberg equilibrium expectations ($p > 0.05$).

PIC: polymorphism information content.

PEP: excluding probability of paternity.

H: heterozygosity.

DP: discriminating power.