

FOR THE RECORD

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Polymorphism of 9 STRs in Ethnic Chinese Population of Malaysia*

POPULATION: Random Chinese population, Malaysia

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Buccal swabs were collected from random ethnic Chinese individuals living in peninsular Malaysia. DNA was extracted by simple salting out procedure (1). Using STR multiplex primer kits,

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Promega Geneprint™ (CTT, FFv, and STR III) and following the manufacturer's guidelines 10 ng of DNA was PCR amplified. Allele frequencies were calculated from the numbers of each genotype by gene count method. The randomness of the population was ascertained by subjecting the data to Chi-square test. No deviations from Hardy-Weinberg equilibrium were observed. Heterozygosity and discrimination power were calculated as per the methods already reported (2–4). The allelic distribution in the Chinese population

TABLE 1—Allele frequency for 9 STR loci in ethnic Chinese population of Malaysia (n = 102).

Allele	Frequency								
	CSF1PO	TPOX	TH01	F13A01	FESFPS	vWA	D16S539	D7S820	D13S317
3,2	...	...	...	0.2250	...	...	...	...	...
4	...	...	...	0.2550	...	...	...	...	...
5	...	...	...	0.0650	...	...	...	...	...
6	...	...	0.0943	0.4350	...	...	...	0.0050	...
7	0.0090	0.0138	0.2453	0.0150	...	...	...	0.0050	0.0100
8	0.0150	0.5321	0.0708	...	...	...	0.0450	0.0930	0.3000
9	0.1080	0.0917	0.4858	...	0.0149	...	0.2000	0.0970	0.1500
9,3	...	...	0.0142	...	...	...	...	...	...
10	0.2500	0.0413	0.0802	...	0.0644	...	0.1550	0.1390	0.1500
11	0.2450	0.2982	0.0047	...	0.4059	...	0.2950	0.4030	0.1700
12	0.3140	0.0229	0.0047	...	0.3514	...	0.2050	0.2220	0.1600
13	0.0540	...	...	0.0050	0.1634	0.0150	0.0820	0.0320	0.0500
14	0.0050	...	...	...	...	0.2600	0.0140	0.0050	0.0100
15	...	...	...	...	...	0.0650	0.0050	...	...
16	...	...	...	...	...	0.2150	...	...	...
17	...	...	...	...	...	0.2050	...	...	...
18	...	...	...	...	...	0.1450	...	...	...
19	...	...	...	...	...	0.0800	...	...	...
20	...	...	...	...	...	0.0100	...	...	...
21	...	...	...	...	...	0.0050	...	...	...
H	87.31	83.66	78.61	82.90	85.08	91.43	90.34	92.95	92.39
PE	68.40	52.29	60.46	59.28	57.85	75.17	73.33	67.80	74.69
PD	0.9269	0.7963	0.8262	0.8983	0.8695	0.9330	0.9295	0.9027	0.8776
Chi	5.46	4.62	6.61	10.87	10.6	7.54	4.96	7.76	11.29
(p < 0.05)	(df 8)	(df 6)	(df 6)	(df 7)	(df 6)	(df 12)	(df 13)	(df 11)	(df 11)
CDP	0.999999998								

H: Heterozygosity; PE: Power of exclusion; PD: Power of discrimination; Chi: Chi square; CDP: Cumulative discrimination power.

of Malaysia is found to be different from that of ethnic Malay and Tamil populations of Malaysia (5,6).

The complete dataset is available to any interested party at <http://www.ppsk.usm.my>.

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