FOR THE RECORD

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Allele Frequency Distribution for 10 STR Loci in the Malay Population of Malaysia*

DNA data base was obtained from 100 unrelated random Malay individuals in Malaysia. The DNA was extracted by the salting out procedure (1), 20 ng target DNA was co-amplified using the commercial typing kits, Promega Geneprint™ STR multiplex (CTT, FFv, and STR III) and monoplex (LPL) systems, according to the manufacturer's instructions. Assignment of alleles was made by visual comparison between the commercially supplied reference allelic ladders and the amplified samples at the corresponding locus. Data were analyzed as per the methods already reported (2–4). No deviations from equilibrium were observed. The power of discrimination ranges from 0.7298 to 0.9311 and the combined power for the 10 loci is 0.99989.

The complete dataset can be accessed at http://www.ppsk.usm.my.

References

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TABLE 1—*Allele frequency for 10 STR loci in ethic Malay population of Malaysia (*n = 100).

Allele	Frequency									
	CSF1PO	TPOX	TH01	F13A01	FESFPS	vWA	D16S539	D13S317	D7S820	LPL
3.2	…	…		0.2450	…	…	…	…	…	…
4	…	…		0.0900	…	…	…	…	…	…
5	…	…	0.0100	0.2450	…	…	…	…	…	…
6	…	0.0250	0.1100	0.3750	…	…	…	…	…	…
7	…	0.0100	0.2700	0.0350	…	…	…	0.0050	0.0100	0.0050
8	…	0.5350	0.1450	…	0.0100	…	0.0300	0.2500	0.2100	…
9	0.0250	0.1350	0.3550	…	…	…	0.1800	0.1500	0.0150	0.0200
9.3	…	…	0.0150	…	…	…	…	…		
10	0.1650	0.0200	0.0950	…	0.0750	…	0.1250	0.1100	0.2450	0.6900
11	0.4050	0.2550	0.0050	…	0.3350	…	0.3150	0.2850	0.3150	0.1200
12	0.3000	0.0150	…	…	0.3850	…	0.2150	0.1700	0.1950	0.1400
13	0.0650	0.0050	…	…	0.1800	…	0.1200	0.0250	0.0100	0.0250
14	0.0400	…	…	…	0.0150	0.2200	0.0100	0.0050	…	…
15	…	…	…	0.0050	…	0.0250	0.0050	…	…	…
16	…	…	…	0.0050	…	0.1550	…	…	…	…
17	…	…	…	…	…	0.3100	…	…	…	…
18	…	…	…	…	…	0.1800	…	…	…	…
19	…	…	…	…	…	0.0750	…	…	…	…
20	…	…	…	…	…	0.0350	…	…	…	…
H	85.49	69.37	86.87	85.18	84.4	90.50	90.42	90.54	88.47	69.34
PE	47.33	42.51	54.62	49.07	44.80	59.39	59.3	59.11	52.72	38.83
PD	0.8552	0.8080	0.9016	0.8696	0.8304	0.7298	0.9311	0.9162	0.9077	0.7984
Chi	3.5294	12.061	2.2084	7.2335	8.5769	5.8241	1.7146	10.765	4.6820	4.9311
($p < 0.05$)	(df 9)	(df 8)	(df 8)	(df 10)	(df 6)	(df 11)	(df 11)	(df 12)	(df 9)	(df 7)
CPE	0.99989									
CDP	0.9999999996									

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