

## **Philippine population database at nine microsatellite loci for forensic and paternity applications**

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**Forensic Science International. 101: 27-32.** Allele frequency distributions for a Filipino population from the National Capital Region (NCR) were determined for eight STR loci: HUMF13A01, HUMFES/FPS, HUMvWA, HUMFOLP23, HUMD8S306, HUMCSFIPO, HUMTPOX and HUMTHO1; and a VNTR locus: D1S80. Statistical analysis showed that the nine loci showed no deviations from Hardy-Weinberg and linkage equilibrium rules. The average power of paternity exclusion for the nine loci is 0.9962 and the discriminating power is  $1-2 \times 10^{-9}$ . The data obtained from this study will be used as reference data for forensic DNA typing in the Philippines.

### **KEYWORDS**

Philippines, STR loci, VNTR, D1S80