

GENETIC VARIATION AT EIGHT LOCI IN CHINESE HANS POPULATIONS LIVING IN THE MAINLAND OF CHINA

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Allele and genotype frequencies were determined in a group of 105 Chinese Hans living in the mainland of China with a Promega PowerPlex™ 1.2 kit with eight loci (vWA, TH01, TPOX, CSF1PO, D5S818, D13S317, D7S820, D16S539). Eight alleles at vWA locus, 6 at TH01, 7 at TPOX, 8 at CSF1PO, 8 at D5S818, 8 at D13S317, 7 at D7S820 and 7 at D16S539 were investigated in Hans population. No deviations from Hardy-Weinberg expectations were found. The heterozygosity and discriminative power for eight loci were 0.655 to 0.809 and 0.817 to 0.936. The combined power of the discrimination for eight loci was 0.999999975. There was high genetic variation for eight loci in Chinese Hans.

