

Y-Chromosome STR haplotype Profiling in the Mongolian Population

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Eleven Y-Chromosome STR loci (DYS19, DYS388, DYS 389I, DYS389II, DYS390, DYS391, DYS392, DYS393, two DYS385 loci and DXYS156Y) were analysed in 92 randomly chosen males from Mongolia. Allelic frequencies and diversity for each Y-STR locus and haplotype diversity were determined to evaluate their usefulness in forensic casework. A total of 85 different haplotypes were identified among which 79 (85.9 %) were individual-specific. The most frequent haplotype surveyed here was found in three individuals (3.5 %), of which the the "minimal haplotype" (excluding DYS388 and DXYS156Y) was not found in the worldwide Y-STR haplotype reference database (YHRD) available at <http://www.yhrd.org>