

STR POPULATION DATA FOR ARIZONA HISPANIC, NAVAJO AND APACHE POPULATIONS

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With the change in DNA technology to STR typing, population databases have to be re-analyzed. Samples previously collected from 234 Arizona Hispanics, 185 Navajos and 198 Apaches were typed at all 13 CODIS core loci (D3S1358, vWA, FGA, D8S1179, D2S11, D18S51, D5S818, D13S317, D7S820, D16S539, TH01, TPOX and CSF1PO) and amelogenin. These samples were previously run for RFLP, HLA DQA1, PM and D1S80 databases. The samples were amplified using the AmpF/STR™ Profiler Plus™ and Cofiler™ primers from Perkin Elmer. The amplified DNA was separated, sized and typed using an ABI™ Prism® 310 Genetic Analyzer with GeneScan® and Genotyper® software. The observed alleles were tabulated and the allele frequencies were calculated. The results are presented.

