SIX Y-CHROMOSOME STR FREQUENCIES IN A POPULATION FROM CENTRAL SPAIN

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Population: 51 males from Vera-Jerte Valley, Cáceres province (Central Spain)

Keywords: forensic science, DNA typing, population genetics, DYS390, DYS391, DYS393, DYS434, DYS437, DYS439, Spain

Specimens were collected from unrelated apparently healthy males, autochthonous to the geographic region of Vera-Jerte Valley (the four grandparents were born within the region). DNA was extracted from blood specimens using a standard phenol/chloroform procedure and typed in an ALF-Sequencer (Pharmacia) according to protocols and alleles kindly supplied by Peter de Knijff (1) for DYS390, DYS391, DYS393. Systems DYS434, DYS437 and DYS439 were typed according to Ayub et al (2) using allelic ladders from our laboratory. Frequencies were calculated through the gene counting method and gene diversity was estimated according to Nei (3).

A more complete data set can be accessed at http://www.ucm.es/info/antropo/trancho/eduardo/trabajos.htm

References


2.- Ayub Q, Mohyuddin A, Qamar R, Mazhar K, Zerjal T, Mehdi SQ, Tyler-Smith C. Identification and characterization of a


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