

## **VNTR Allele Frequency in the Population from the Central Area of Argentina**

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VNTRs and STRs are widely accepted and commonly used for characterizing forensic biological evidence as well as parentage testing. The correct results depend on the accessibility to a database with allele frequency representative of different ethnic groups. Our laboratory is mainly involved in solving parentage casework from individuals living in the central area of Argentina. This population shows a variable degree of admixture between Caucasoid and Amerindian ethnic groups from the north and northwest of the country as we have previously shown by using HLA system.

The polymorphism of four VNTR loci, D2S44, D10S28, D5S110 and D4S139, have been analyzed showing slight differences with the European Caucasoid population.