

## Distribution of D1S80 Alleles in the Bengali Population of India

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D1S80, a VNTR with 16bp repeat sequence, is a useful marker for population studies, genetic linkage studies, bone marrow transplantations and forensic analyses. Polymorphisms of D1S80 alleles were studied in 110 unrelated Bengali Hindus of West Bengal. Amplified Fragments Length Polymorphisms was performed by amplification of D1S80 alleles followed by separation on polyacrylamide gel and visualization by silver staining. Lesser Heterozygosity (72.9%) along with the predominance of alleles 18 and 24 restricts the utility of this marker in the Bengali population in comparison to other populations. The distribution of alleles was in accordance with Hardy-Weinberg expectations.