

## **Alu Insertion / Deletion Polymorphisms in Yadava Population of Andhra Pradesh, South India**

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**ABSTRACT** Four Alu insertion/deletion polymorphisms (Alu TPA25, Alu ACE, Alu PV92 and Alu APO) were studied in Yadava population from Visakhapatnam, Andhra Pradesh. Blood samples were collected from fifty unrelated healthy donors. DNA was isolated and amplified by PCR and subjected to agarose gel electrophoresis. Gene frequencies were calculated and were used to calculate average heterozygosity. All the four loci are polymorphic in nature and showed high levels of heterozygosity. The average heterozygosity is recorded as 0.4945 to 0.4892. Genetic distance analysis of the present data with the available data of two Andhra Pradesh tribal populations revealed that Yadavas are closer to Konda Reddis when compared to Koya Doras.