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Distribution of Human-Specific *Alu* Insertion/Deletion Polymorphisms in the Gaddi Tribe of Kangra District, Himachal Pradesh (North India)

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ABSTRACT The objective of the study was to characterize genetically two major Gaddi tribe populations of Himachal Pradesh viz., the Gaddi Brahmin and Gaddi Rajput inhabiting the Kangra district. For this, a total of 325 subjects were studied for the distribution of 6 *Alu* markers - ACE, APO, PV92, CD4, PLAT and TPA25 using standard techniques. The results demonstrated genetic homogeneity between the present two Gaddi populations and the degree of genetic differentiation was observed low ($G_{ST} = 0.0019$). The genetic distance analysis revealed that the present Gaddi populations have close genetic affinities.