

Distribution of Mitochondrial DNA Macrohaplogroup N in India with Special Reference to Haplogroup R and its Sub-Haplogroup U

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ABSTRACT Indian populations show mitochondrial DNA macrohaplogroups M and N. Among the various haplogroups of N, haplogroup R and its sub-haplogroup U are predominant among the diverse populations. An overview of about 130 studied populations reveals wide diversity of haplogroup R and its sub-haplogroup U among varied ethnic status and different linguistic families. The various lineages of macrohaplogroup N observed in India shows least affiliation with respect to language, geography or ethnicity. However, between the regions, there is a wide variation of subhaplogroups of R and U; western region among the castes and southern region among the tribes show higher haplogroup diversity than the other regions.